HOLDEN

STATESMAN CAPRICE

OWNER'S HANDBOOK

VR SERIES

Owner's Name ....

Address ....

Town ....

State........................Postcode ....

Model Name ....

Reg. No..........................Eng. No. ....

Odometer Reading ....

Date of Purchase ....

(17 character I.S.O.V.I.N.) Vehicle Identification Number ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

Vehicle Identification Certificate

Selling Dealer's
Stamp & Signature ....

CHANGE OF ADDRESS/OWNERSHIP

It may be necessary for General Motors-Holden's Automotive Ltd. Aust.Co.No. 006 893 232 (hereinafter Holden's) to contact Holden owners from time to time. Therefore, records are kept of owner's names and addresses.

So we can keep these records up to date, please complete the form on pages 12-53 or 12-55 and post to Holden's, at the address shown on the back of this form if:

a) you change your address

b) you have purchased this vehicle from a previous owner.

Part No. 92049871
Sept 1994 (VR Statesman and Caprice Print 4)

CHAPTER 1

Dash board

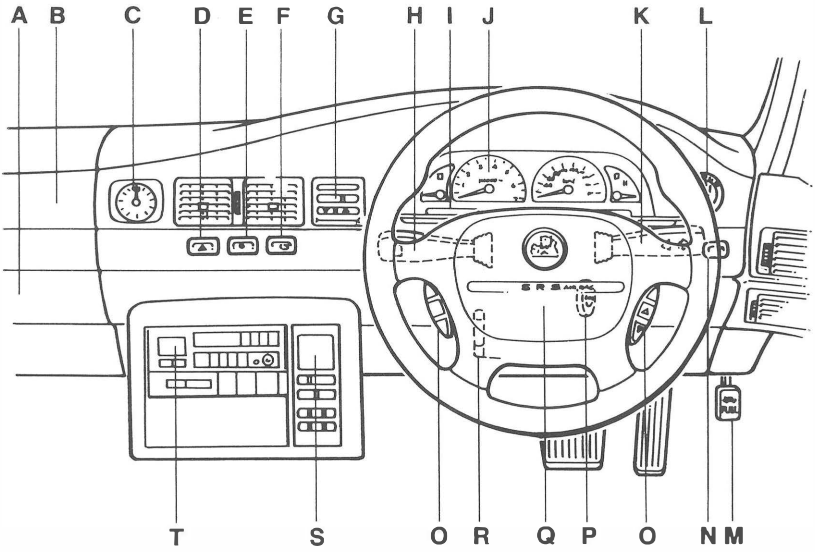
The following page illustrates the dash board, identifying the gauges, warning lights, controls and switches. Page reference numbers are listed next to each item.

Page
1-4 Gauges
1-5 Warning/reminder lights
1-9 Wipers and washers
1-10 Lights
1-12 Hazard
1-12 Demister
1-13 Radio
1-16 Horn
1-16 Turn signals
1-16 Tilt steering
1-18 Heater and air conditioner
1-20 Cruise control
1-23 Trip computer
1-26 Clock
1-26 Glovebox
1-27 Bonnet release

LAYOUT

Page

A	Glovebox	1-26
B	Glovebox, additional	1-26
C	Clock	1-26
D	Hazard warning switch	1-12
E	Security light	1-12
F	Demister switch	1-12
G	Trip computer switches	1-23
H	Lever for wipers and washers	1-9
I	Warning/reminder lights	1-5
J	Gauges	1-4
K	Lever for:	
	• turn signal	1-16
	• high/low beam	1-11
	• cruise control	1-21
L	Headlights dial switch (incl. dimmer and dome)	1-10
M	Bonnet release lever	1-27
N	Fog light switch (Caprice)	1-11
O	Remote radio controls	1-13
P	Ignition lock	2-8
Q	Horn pad	1-16
R	Tilt steering	1-16
S	Climate controls	1-18
T	Radio/cassette	1-13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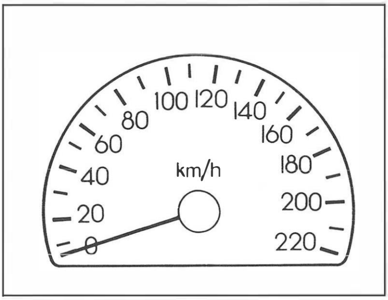
SRS AIR BAG

GAUGES

Speedometer

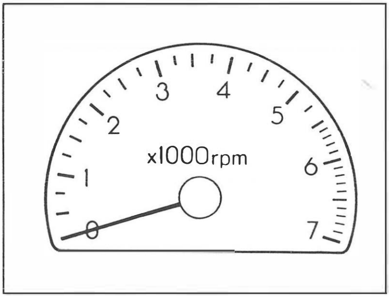
Indicates speed in kilometres per hour.



Tachometer

Records engine speed in revolutions per minute (r.p.m.).

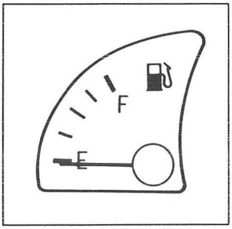
Operating the engine at high rpm (indicated by the red graduations) may cause serious engine damage.



Fuel

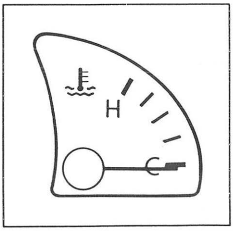
"E" represents empty and "F" represents full.

Refer to information in Chapter 5 when refuelling.



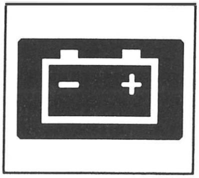
Temperature

Stop/start driving in heavy traffic, driving at high speed in warm weather, hill climbing or towing a caravan may cause the needle to move toward the "H". This is not dangerous. However, if the needle should move all the way to "H" and remain there for more than 30 seconds, this signals that the engine is overheating. You should stop the car as soon as it is safe to do so. Refer page 6-10 for further instructions.



WARNING / REMINDER LIGHTS

Battery!



To check that the bulb is working, the symbol is displayed when the ignition key is turned to ON - until the engine is started.

If the symbol is illuminated when the engine is running it indicates that the generator is not charging. If the generator drive belt is OK there is a problem in the charging system and you should see your Holden Dealer.

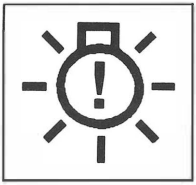
ABS off

ABS
OFF

To check that the bulb is working, the symbol is displayed for a short time when the ignition key is turned to ON.

If the symbol is illuminated when the engine is running a malfunction of the ABS system is indicated. Remember, that this only means that the ABS's 'no lock' assistance is not operating - your car's brake system will still operate conventionally. Refer Chapter 4.

Tail/brake light bulb failure

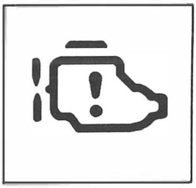


To check that the warning light is working, the symbol is illuminated for a short time when the ignition is first turned ON.

If the symbol is illuminated while the park/head lights are on, then a bulb failure of the tail lights is indicated.

If the symbol is illuminated while the brake pedal is depressed, then a bulb failure of the brake lights is indicated.

Check engine!



Your car is fitted with an Electronic Engine Management System. The check engine symbol indicates when system service is required.

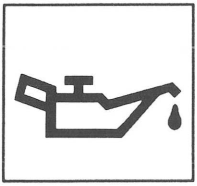
To check that the warning symbol is working, the symbol is illuminated when the ignition key is turned to ON - until the engine is started.

If the symbol comes on while driving it indicates that a fault has been detected in the Engine Management System. Although the car may still be driveable it is recommended you have a Holden Dealer correct the problem as soon as possible.

WARNING: If the engine is misfiring you should reduce driving speed and should not tow a caravan or trailer - until the misfiring is corrected, at the nearest Holden Dealer. Otherwise, the catalytic converter and exhaust system may become overheated, resulting in car damage.

WARNING/REMINDER LIGHTS

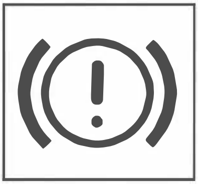
Oil pressure!



To check that the bulb is working, the symbol is displayed when the ignition key is turned to ON - until the engine is started.

If the symbol is illuminated while driving, it indicates that the oil pressure is dangerously low. Stop immediately and check the engine oil level. If the level is normal, have the system checked at your nearest Holden Dealer. Do not run the engine with this symbol illuminated.

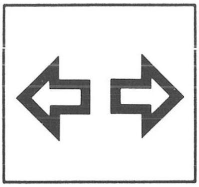
Brakes!



To check that the bulb is working, the symbol is displayed when the ignition key is turned to start the engine.

If the symbol is illuminated while driving it indicates that there is something wrong with the braking system. You should immediately stop on the side of the road as carefully as possible. Do not proceed until satisfied that cautious progress is possible or that the cause of the problem has been fixed.

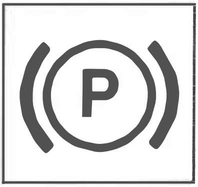
Turn signals



The appropriate green arrow will continuously flash while the lever on the right side of the steering column is moved up or down *and* the ignition is turned to ON or ACCESSORIES.

- Both arrows will flash when the Hazard Warning Flasher is switched on, refer page 1-12.
- The indicators will flash at a quicker rate if a globe has blown.

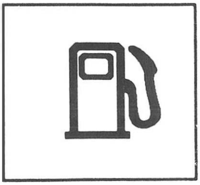
Park brake



When the park brake is applied and the ignition is turned to ON the red symbol will be displayed - until the park brake is released.

If you attempt to drive off without releasing the park brake, an audible warning chime will be heard. When driving, this will repeat every minute, until the park brake is released.

Low fuel



To check that the warning symbol is working, the symbol will be displayed for a short time when the ignition is first turned ON.

When driving, a warning chime will be heard when this symbol is first displayed - the petrol tank is approaching empty (approx. 12 litres left).

WARNING/REMINDER LIGHTS

Over speed

To check that the bulb is working, the symbol is illuminated for a short time when the ignition is first turned ON.

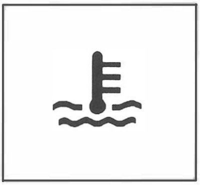
When driving, a warning chime will be heard when this orange symbol is displayed on the instrument panel. Both the chime and the symbol are designed to remind you that you have exceeded your desired maximum speed. The speed setting can be adjusted up or down (or completely turned off) via the trip computer, refer page 1-24.

SPD

Over temperature!

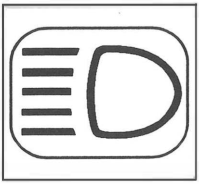
To check that the warning light is working, the symbol is illuminated for a short time when the ignition is first turned ON.

If the symbol is illuminated when the engine is running it indicates that the temperature of the engine coolant is dangerously hot. You should stop the car as soon as it is safe to do so. Refer page 6-10, for further instructions. The audible warning chime is designed to bring this condition to your attention. This will be repeated every minute until the condition is rectified.



High beam

This blue symbol is displayed when the headlight high beams are in use.



Air bag

To check that the warning light is working, the symbol is illuminated for a short time when the ignition is first turned ON.

If the symbol is illuminated when the engine is running it indicates a malfunction in the air bag system. Refer page 6-5 for more information about the air bag system.

AIR BAG

Cruise control

The CRS symbol will be illuminated when the cruise control is activated and ready for use. Both the CRS and ON symbols will be displayed when the cruise control is maintaining car speed.

Refer page 1-20 for explanation of the cruise control.

CRS ON

WARNING / INDICATOR LIGHTS

Power shift

The automatic transmission PWR symbol will be displayed when the power shift button is in the out position when driving, indicating that the transmission is operating in the power mode, refer page 4-4.

PWR

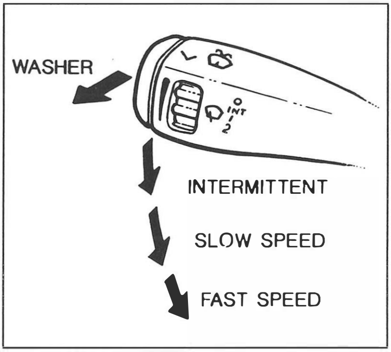
Chime

The chime will be heard when the following warning lights appear on the instrument panel.

- Over speed warning light
- Low fuel warning light
- Hot engine warning light
- Park brake (and the car is moving)

This chime is added to emphasize the above conditions. Note that the tone and frequency of the chime is varied, to allow different warnings to be identified by sound.

WIPERS AND WASHERS



The lever to the left of the steering column controls the wipers and washers, which are operational when the ignition is turned to either ON or ACCESSORIES.

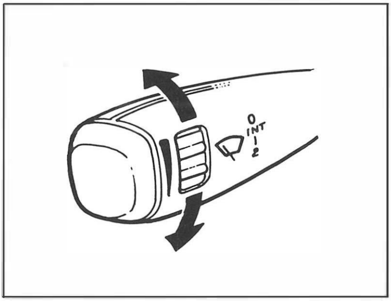
Never operate the wipers on dry glass, as this will damage the rubber and scratch the glass. To obtain a spray of fluid, pull the lever towards you and hold as long as required. This will automatically turn on the wipers for a short time, if not already operating.

Push the lever down to turn on the wipers. If just held gently down the wipers will sweep 'intermittently': once every few seconds, which is useful when driving in drizzle or mist. The wipers will sweep intermittently as long as the lever is held.

Pushing the lever further down, to the first 'stop' switches the wipers to the intermittent position and allows the hand to be removed from the lever.

Pushing the lever to the second 'stop' turns the wipers to slow speed. Pushing the lever further down, to the third stop turns the wipers to high speed.

Variable intermittent

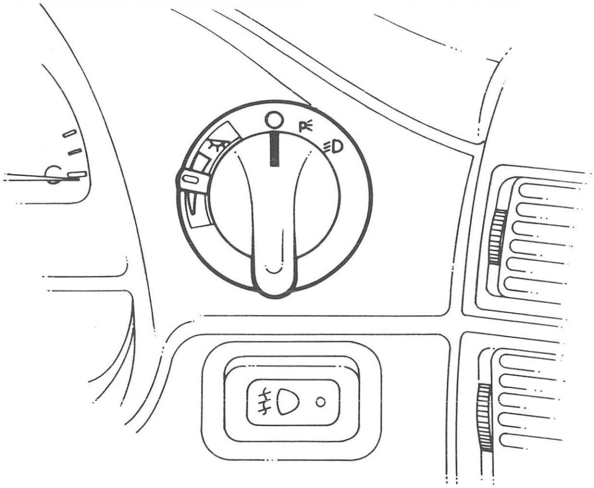


The delay pause of intermittent wipe can be varied by moving the wheel. Rotate the wheel up for a more frequent wipe, or down for a less frequent wipe.

In addition, the intermittent wipe speed is *road speed dependant*, which means that as the car speeds up, so do the wipers.

Refer Chapter 7 when topping up washer fluid.

HEADLIGHTS AND DOME LIGHT



Head lights

The park lights and head lights are controlled by the dial switch to the right of the gauges.

Rotating the knob in the centre of the dial clockwise to the first position turns on the park, tail, rear licence and instrument panel lights. Rotating to the second position also turns on the headlights.

Dimmer (instrument panel illumination)

When the park light or head lights are switched on the instruments are automatically illuminated. Lighting can be adjusted between *off* and *bright* by holding the tab (on the outside of the dial) in the bright or dim position until the desired level is reached, then releasing the tab.

Interior (dome) lighting

The lights will automatically switch on when a door is opened and will switch off 30 seconds after all the doors are closed. Switching the ignition to ON will, however, over ride the time delay. Alternatively, the time delay can be overridden by moving the dome light switch to ON and then OFF again.

Move the tab (on the outside of the headlights dial) upwards past the instruments *bright* position to switch on the interior lighting.

Leaving the interior light switched on (without the engine running) will eventually flatten the battery. To prevent this, the interior lights will be automatically switched off 2 hours after the ignition is switched to OFF or LOCK.

Reading lights may individually be turned off or on, refer page 3-12.

EXTERIOR LIGHTING

Automatic headlights off

Leaving the head/park lights on when the engine is not running will eventually flatten the battery. To prevent this, the park/head lights will temporarily switch off when the ignition has been switched from ON to OFF and the driver's door is opened....... the car senses that the driver has forgotten to switch off the lights. The lights will stay off until the ignition is again switched ON (or the light switch is turned to OFF then ON again).

The time between the driver's door being opened and the lights automatically switching off can be adjusted. To set the time delay:

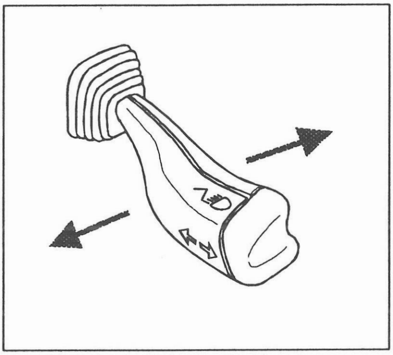
- switch park lights on
- switch ignition on
- hold the switch for the instrument lighting in the dim position.
- switch ignition off
- open driver's door (this starts the delay period)
- wait desired delay time (maximum of 3 minutes)
- release the switch for the instrument lighting (park lights go out and time delay is set).

If you wish to have the lights ON when leaving the car, turn the light switch to OFF, then to PARK or HEADLIGHTS, *after* they have been automatically switched off.

High / low beam

High/low beam is controlled by the lever mounted on the right side of the steering wheel column. With the headlights on, push the lever away from you, until you feel a click, then release. The headlights will change from low to high beam. When the high beams are in use, a blue symbol on the instrument panel will be displayed.

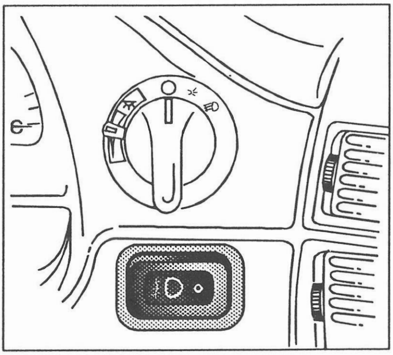
It is also possible to flash the high beams for signalling purposes (even if the headlights and/or ignition are switched off) by pulling the lever towards you; the lights will remain in high-beam as long as the lever is held.



Fog lights (Caprice)

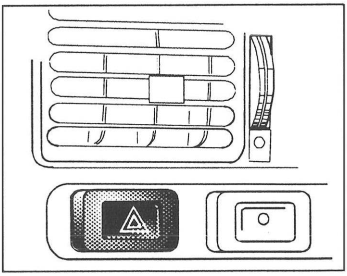
Push the switch illustrated to turn the fog lights off or on. The light in the switch glows when the fog lights are working.

- Fog lamps only work when the headlight dial is turned to headlights.
- However, turning on fog lights automatically turns off the headlights. They are designed so as *not* to be on at the same time.
- High beam, however, will still operate if fog lights are in use.



HAZARD, SECURITY AND DEMISTER

Hazard warning flashers



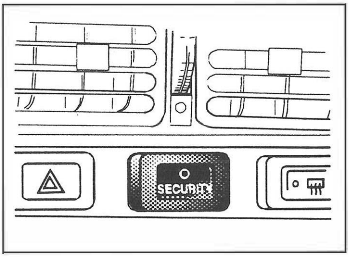
Use the hazard warning flasher to warn other drivers any time your car becomes a traffic hazard, day or night. Avoid stopping on the roadway if possible.

Push the switch to turn the hazard warning on and off.

When turned on, all turn signals will flash continuously, regardless of the ignition position.

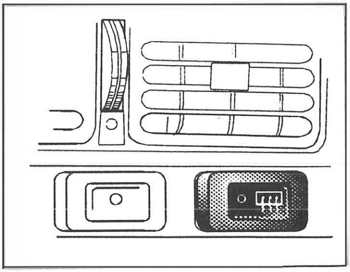
Use of the hazard warning flashers while the car is moving is prohibited by Law in some States/ Countries.

Security



The security light will flash continuously when the car is 'armed', refer chapter 2.

Rear window demister



The demister only operates when the ignition is ON.

Pressing the switch turns the demister on and off, the light in the switch indicating when the demister is working.

To avoid unnecessary electrical consumption the demister will automatically switch off after 15 minutes.

In addition to the demister lines on the rear window, note the extra lines in the top of the glass. These wires work as a 'diversity' antenna, improving FM radio reception.

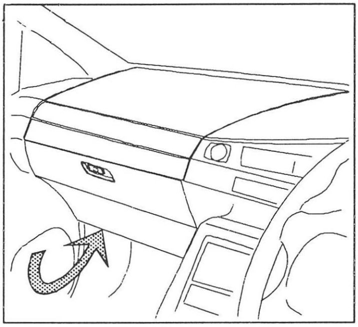
RADIO CONTROLS

Radio/antenna/ cassette/CD/telephone(if fitted)

Information is provided on these pages regarding the audio remote controls, located on the steering wheel and, with Caprice models, on the roof. Please refer to separate instruction supplement, provided in the glovebox for *non*-remote radio control.

Information on the operation of the telephone, cassette player and CD player will also be provided in the glovebox.

CONNECTING A TELEPHONE.
You car is fitted with a telephone power connection, whether or not they have a telephone fitted, which is taped up under the left hand side of the dash.



Radio P.I.N. (Personal Identification Number)

Your PIN must be entered if the battery is disconnected. The PIN is first supplied on the security card in the glovebox, to enter:

- turn ignition to accessories and turn radio on ("1" will appear).
- press the radio buttons in your P.I.N. order
- the radio will shortly begin to play.

If the incorrect P.I.N. was entered "2" will appear on the display. Following 3 incorrect P.I.N.s the display will show " - - - ", and the radio must remain connected to power for approx. 1 hour before the correct P.I.N. can be entered.

If vehicle repair requires battery disconnection you may wish to provide the Dealer with your P.I.N.

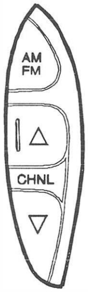
Always keep the P.I.N. in a safe but accessible place (not in your car) as this safety feature is provided as a theft deterrent.

If P.I.N. is lost, contact your Holden Dealer, who will require proof of ownership and the Car Identification Number. There may be a nominal charge for this service.

RADIO REMOTE CONTROLS

Steering wheel controls

Buttons are designed to operate individually; do not press more than one button at a time.



The AM/FM button alternates between AM and FM stations.

If the radio is off, pressing the AM/FM button will switch the radio on. Likewise, if the cassette (or Caprice CD) is operating, pressing the AM/FM button will change the audio to radio.

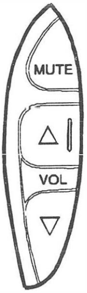
Favourite radio stations can be assigned a "preset" number so that they can be quickly recalled, see radio supplement in glovebox.

The CHNL ▲ button switches the radio up to the next preset station, i.e. radio station number 3 is playing; the CHNL ▲ button is pressed; radio station number 4 will start playing. Likewise, the CHNL ▼ button switches the radio down a preset station.

The VOL ▲ or ▼ buttons turn the volume up or down. Either hold down the button for as long as required, or tap the button, for small changes in volume.

The MUTE button switches the volume down or up by 20 decibels. Therefore, sound will only be heard if the radio was very loud before muting.

In addition, pressing the volume ▲ button will immediately *un*-MUTE the radio.



RADIO REMOTE CONTROLS

Caprice roof controls

TAPE / CD / RADIO

These buttons alternate between the three functions.

Pressing the RADIO button when the radio is being heard switches the radio between AM, FM1 and FM2.

Pressing the TAPE button when the tape is being heard reverses tape direction.

VOLUME

The VOL ▲ or ▼ buttons turn the volume up or down. Either hold down the button for as long as required, or tap the button, for small changes in volume.

SCAN

Favourite radio stations can be assigned a "preset" number so that they can be quickly recalled, see radio supplement in glovebox.

The SCAN button switches the radio up to the next preset station, i.e. radio station number 3 is playing; the SCAN button is pressed; radio station number 4 will start playing.

MUTE

The MUTE button switches rear speaker volume off or and on, useful when using rear headphones. Turning the ignition off /on will also *un*-mute the rear speakers.

SEEK▲

The SEEK▲ button tunes the radio up to the next radio station frequency.

When a cassette is playing the SEEK ▲ button will fast forwarded to the start of the next song (to a blank of more than 4 seconds).

When a CD is playing the SEEK ▲ button changes to the next CD track.

SEEK▼

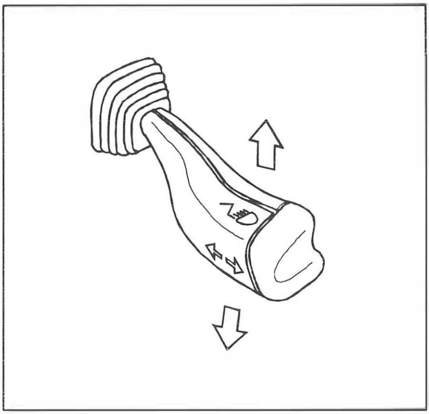
The SEEK ▼ button tunes down the radio to the next radio station frequency.

When a cassette is playing the SEEK ▼ button will rewind to the start of the song (to a blank of more than 4 seconds).

When a CD is playing the SEEK ▼ button changes to the previous CD track.

TURN SIGNALS, HORN, TILT STEERING

Turn signals



Move the lever up to signal a left turn, down to signal a right turn. The lever will return to the neutral position when the turn is completed.

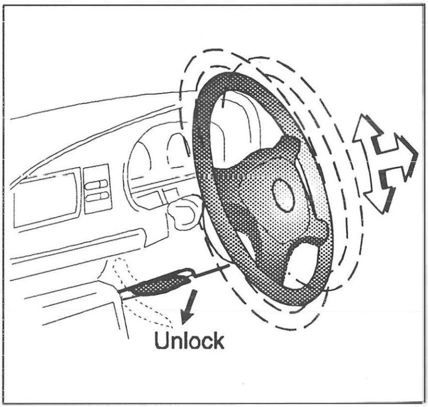
When changing lanes the steering wheel is not turned far enough to cancel the turn signal. So, to indicate a lane change, move the lever part way and hold. The lever will return to the neutral position when released.

A green arrow on the instrument panel will flash when the lights are in operation.

Horn

The horn is activated when the pad(s) in the steering wheel is pressed.

Tilt / telescopic steering



Move the lock lever on the left side of the steering column down.

Grasp the steering wheel and move as required. It can be moved up or down, pulled towards you or pushed away from you.

When in position, move the lock lever up. "Jiggle" the steering wheel to ensure it has locked securely before driving.

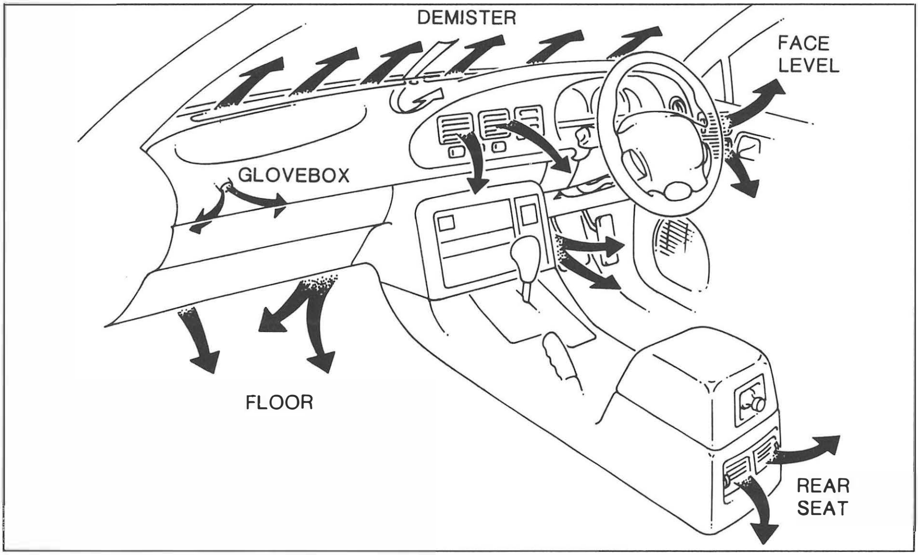
CAUTION:

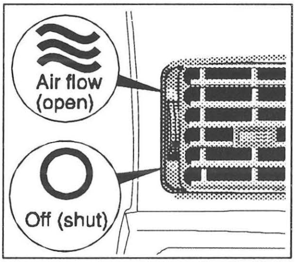
Do not attempt to move the steering wheel while driving.

VENTILATING SYSTEM

Outside air (except when re-circulate is selected) is drawn into the car through the opening at the base of the windscreen, so do not allow this opening to become clogged with leaves or snow.

The air may be directed to different types of vents - floor, windscreen demist, door demist door face, dash face, rear seat and glovebox.



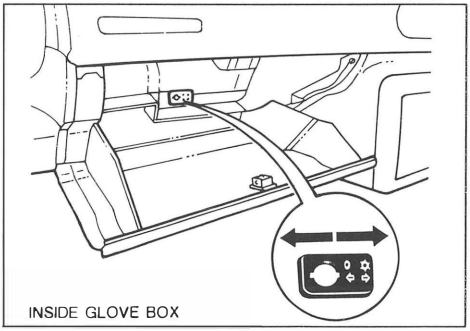


The floor and demist vents are not adjustable, as these have been optimised for the windscreen, feet and side windows.

The face and rear seat vents have adjustable vanes which may be swivelled up/down, left/right. Air flow from each vent can also be adjusted for individual comfort. For example, if air flow is reduced at the centre vents, more air is delivered from the rear seat vents.

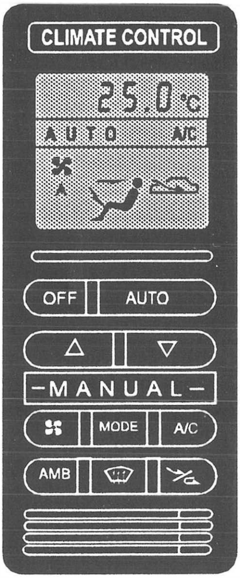
The glovebox cooler delivers cool air to the lower glovebox when the air conditioner is operating.

If this air is not required, the vent can be closed by moving the vent cover to the left (towards the **O** mark). Moving the outlet cover the right will open the outlet, permitting cooled air to circulate inside the glovebox.



CLIMATE CONTROL

Located to the right of the radio is the Climate Control, which maintains the interior of your car at your desired temperature.



Automatic operation

- Start the engine.
- Press AUTO button if "AUTO" is not displayed.
- Use the red (warmer) or blue (cooler) arrows to adjust the temperature read-out. Try an initial setting between 23°C and 25°C.
- Allow system to stabilize for a few minutes.
- You may need to adjust the angle of the air vents to your personal requirements perhaps with the air vents pointing directly at your body or face for initial cooling, and then pointed away for a more general effect, once you have cooled down.

Once the system has stabilized, and you wish to adjust the setting, it is recommended that the adjustment be made one tap at a time (each tap is half a degree) until you are comfortable. Your comfort setting will depend on clothing, your acclimatization, and the angle at which you have directed the vents.

The setting will not change between the ignition being turned OFF or ON. Therefore, you need only change the setting when you wish to alter your comfort level.

In automatic operation the system will always respond quickly to cooling/heating requirements. lit is not necessary to set a cooler/hotter temperature than required to ensure fast cooling/heating.

The system should be left on automatic operation, as it can then:

- turn air conditioning on and off
- vary the temperature of the air entering the cabin
- re-circulate interior air or take air in from outside the car
- vary fan speed
- select the vents through which the air is delivered

For example, on a cold morning, warm air will be directed to the feet vents and a small amount of air to demist. Then, as the car warms up, the system will change to bi-level and the fan will slow down.

CLIMATE CONTROL

Normally, there should be no need to use the manual buttons. However, automatic features can be individually overridden, if you perhaps want low fan speed, or even permanent floor level.

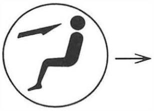
Using the manual buttons (except for AMB) will take the system off full automatic operation, indicated by the word MANUAL appearing on the read-out. Press the AUTO button to reset the system to full automatic control.

DEMIST Climate control cannot determine demist requirements. Therefore, tap this button for demisting the windscreen and side windows. It is not advisable to select re-circulation when demisting.

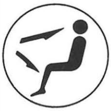
FAN SPEED Switches the fan speed between 3 fan speeds.
In auto mode, many variations of fan speed are used. The highest possible fan speed is, however, excluded from automatic selection and may only be selected manually, with the fan speed button - tap the button until '3' is displayed.

MODE

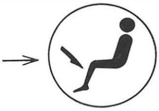
MODE Switches between face, face and foot, or foot.



Face



Face and foot
Cooler air is directed to the face and warmer air to the feet.



Foot

A/C

AIR CONDITIONING Switches air conditioning on and off. To conserve fuel, you may can switch the air conditioning off in cold weather. The climate control will still maintain automatic control of all other functions but will not turn the air conditioning on even if cabin temperature gets too high. Air conditioning should be switched on for at least 5 to 10 minutes each week to lubricate the system and prevent seals from drying out.

FRESH/RE-CIRCULATION Switches air intake from fresh to re-circulated air. Re-circulate re-uses interior air and is therefore not recommended for long periods of time.
Re-circulate should not be used if occupants are smoking, as residues from the tobacco smoke adhere to the air ducts and will produce stale smelling air.

AMB

AMBIENT TEMPERATURE Displays the temperature outside the car for 5 seconds. Pressing AMB does not take the system out of automatic mode.

CLIMATE CONTROL

QUICK COOL DOWN

To aid the climate control when first entering the car on a hot day, open the windows to allow the hot air to escape. After a minute or two, close the windows, as the system works more effectively with the windows up.

AUTOMATIC OPERATION

Manual override of any controls can impede the efficiency of the system to achieve the set temperature. This system is designed to operate with minimum manual adjustment to achieve and maintain the selected comfort. It is also important to allow the system to stabilize before changes in comfort settings are made.

INITIAL HEAT

Remember, the heater uses heat generated in the engine. Therefore hot air is not available until the engine starts to warm up. If the ambient (outside) temperature is below 18° to 20°C and heating is required the fan will not automatically switch on - until the engine starts to warm up and hot air is available. However, if the ambient temperature is *above* 18° to 20°C and heating is required, air will gently issue from the vents, getting warmer as the engine warms up.

OFF BUTTON

To switch the climate control completely off, press the OFF switch. The fan and air conditioning will be switched off and the system will only admit flow through, outside air. The flow through air can also be turned off/on by pressing the RE-CIRCULATION button. Remember, re-circulation is not recommended for long periods of time. Press the AUTO button to turn the climate control system back on.

DEMIST "BLEED"

A small air flow from the demist vents is provided in all modes.

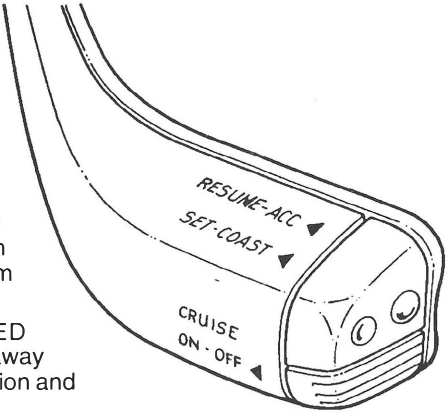
UNSEALED ROADS (PREVENTION OF DUST ENTRY)

When following another car on unsealed roads (when the dust is airborne) it is recommended that re-circulation be selected. However, if the dust is not airborne it is recommended that the setting be on outside air (re-circulation off) and that the fan on a high speed. This will build up positive air pressure and so prevent any dust entry. Ensure in both cases that all windows are closed.

ENGINE IDLING

If your car is stopped for long periods in hot weather with the engine running and the air conditioner operating, select N (neutral) or P (park) to reduce the load on the engine cooling system.

CRUISE CONTROL



The cruise control maintains your car's speed without you having your foot on the accelerator pedal.

Speed is set and adjusted by the lever on the right side of the steering column. The lever has two switches The ON/OFF switch is the *bottom* switch on the end of the lever and is activated by pushing in towards the direction of the steering column. The SPEED ADJUSTMENT switch is the *top* switch on end of the lever. It is a two part switch which can be *rocked* either towards or away from you.

Note the raised dimple on the SPEED ADJUSTMENT switch when it is rocked away from you. This is the speed INCREASE position and is also used to reset speed.

Note the depression in the SPEED ADJUSTMENT switch when it is rocked towards you. This is the speed DECREASE position, and is also used to set initial speed.

TO SET INITIAL SPEED:

1) Ensure the CRS symbol on the instrument panel is showing (if necessary, press the ON/OFF switch). This indicates that the cruise control is ready for use.
2) Press the accelerator pedal until travelling at your desired speed, (above 40 km/h) and then momentarily rock the SPEED ADJUSTMENT switch towards you to the DECREASE (set) position. You may now release both the accelerator pedal and the switch, as the cruise control is now maintaining speed.*
3) Note the ON symbol next to the CRS symbol on the instrument panel is now showing.

* Alternatively, to set initial speed you can press the accelerator pedal until your speed is above 40 km/h, then rock and hold the SPEED ADJUSTMENT switch away from you in the INCREASE position. Your speed will gradually increase until the switch is released.

TO ADJUST YOUR SET SPEED you may either:

- Rock the SPEED ADJUSTMENT switch towards you to the DECREASE position until the car coasts down to the desired speed, then release.

  or

- Rock the SPEED ADJUSTMENT switch away from you to the INCREASE position until the car accelerates up to the desired speed, then release.

Minor changes in speed (1.6 km/h) can be achieved by *momentarily* rocking the switch; either away from you to the INCREASE position or towards you to the DECREASE position. When decreasing, remember that the cruise control is not designed to operate under 40 km/h.

CRUISE CONTROL

TO RELEASE THE CRUISE CONTROL you may either:

Press the ON/OFF switch. This will deactivate the whole system and wipe clear any speed memory.

or

Press the brake pedal. This will deactivate the cruise control (the ON symbol will turn off) but retain the speed in its memory. To regain the memory speed you have only to momentarily rock the SPEED ADJUSTMENT switch to the INCREASE position, provided you are travelling over 40 km/h. Holding in the INCREASE position for longer than one second will clear the memory and set the speed to the current vehicle speed.

CRUISE CONTROL WARNING

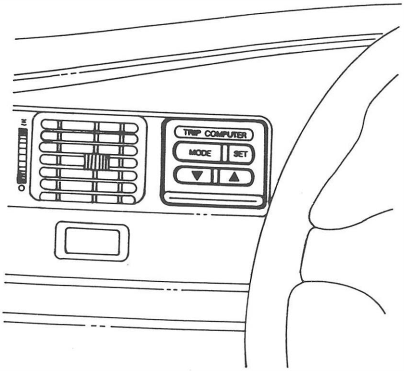
DO NOT USE THE CRUISE CONTROL WHEN ROAD OR DRIVING CONDITIONS COULD REQUIRE VARYING SPEEDS. A CONSTANT SPEED MAY NOT BE PRACTICAL IN HEAVY OR VARYING TRAFFIC, OR ON WINDING, SLIPPERY OR ROUGH ROADS.

REMEMBER THAT WHEN BOTH THE 'CRS' SYMBOL AND THE 'ON' SYMBOL ARE SHOWING THE CRUISE CONTROL IS MAINTAINING YOUR SPEED. TAKING YOUR FOOT OFF THE ACCELERATOR PEDAL WILL NOT REDUCE SPEED. TO DEACTIVATE THE CRUISE CONTROL YOU MUST EITHER PRESS THE BRAKE PEDAL OR PUSH THE OFF/READY BUTTON.

THE CRUISE CONTROL WILL NOT APPLY THE CAR'S BRAKES. THEREFORE THE CAR MAY GAIN SPEED WHEN DESCENDING STEEP HILLS.

WHEN CLIMBING STEEP HILLS (PARTICULARLY WHEN TOWING) IT IS POSSIBLE FOR THE CAR TO LOSE SPEED. YOU MAY NEED TO SWITCH OFF THE CRUISE CONTROL AND RESUME MANUAL SPEED CONTROL.

TRIP COMPUTER



The buttons for the trip computer are on the dash, to the left of the gauges. The read-out display is located in 3 windows, directly beneath the gauges.

When the ignition is turned to ON, the display will show the same group of displays as when the ignition was last turned OFF.

There are three groups of displays. Tap the MODE button to change between the three groups.

The trip computer can be reset at any time, however, the following is considered normal practice:

- At each tank refill. The trip computer will then give you results that are averaged out over each tank full of fuel.
- At beginning of a trip. This might involve many tank refills and results will then be computed over the total journey.

To reset the computer, hold down the SET button, and press the MODE button. This will reset most functions, with the exception of DISTANCE TO EMPTY, OVER SPEED WARNING setting and the ODOMETER.

NOTE: If the wrong buttons have been accidentally pressed, causing the display to show other than the normal readings, turn the ignition OFF, then ON again (when car is stationary).

TRIP TIME **13.0**

The TRIP TIME shows ignition "on" time since the trip computer was last reset.

FUEL USED **43.88** L

The FUEL USED shows the total fuel used (in litres) since the computer was reset.

DIST TRAV **265.5** KM

The DISTANCE TRAVELLED, also known as the TRIP METER, shows the distance travelled (in kilometres) since the computer was reset.

If the SET button is tapped twice in succession (when the DISTANCE TRAVELLED is displayed) the DISTANCE TRAVELLED will be reset to zero, without resetting the other readings.

PRESS
MODE BUTTON

TRIP COMPUTER cont.

O/SPEED **OFF**

The over speed warning symbol (SPD) on the instrument panel will illuminate when vehicle speed exceeds the speed set on the trip computer.

The over speed warning is turned off or on by tapping the SET button twice in succession when OVER SPEED is displayed.

To adjust the setting ensure OVER SPEED is turned on and that it is displayed on the trip computer. Then press either the ▲ or ▼ buttons to increase or decrease speed setting. Display is adjustable in 5 km/h units.

Owners must be aware that a manufacturing tolerance is normal between the overspeed warning and the speedometer gauge reading. However, this tolerance will not exceed 5 km/h.

FUEL INST **.0** L/100 KM

The INSTANTANEOUS FUEL shows litres per 100 km.

DIST TO EMPTY **17** KM

This function is updated every two minutes. No computer can predict the future, so the DISTANCE TO EMPTY function is an estimate based on previously obtained information. For this reason, as conditions become more suited to economical driving the DISTANCE TO EMPTY can actually increase, for example, from city to highway driving.

PRESS
MODE BUTTON

TRIP COMPUTER

AVG SPEED **20.0** KM/H

The AVERAGE SPEED shows average speed since the computer was reset and only calculates this average speed whilst the ignition is ON. The reading is updated every minute.

FUEL
AVG **16.5** L/100KM

The AVERAGE FUEL CONSUMPTION shows fuel used since the computer was last reset and reads in litres per 100 km. The display is updated every minute.

After resetting the computer some large numbers may initially be shown, due to the short distance travelled and the high fuel consumption during acceleration.

ODO **004279** KM

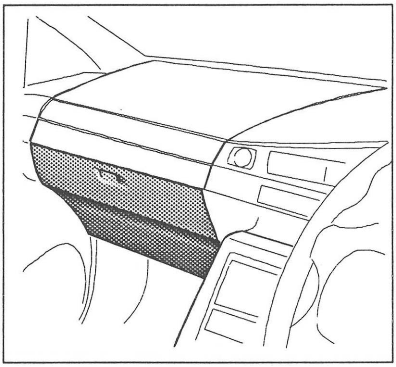
The ODOMETER records kilometres travelled since the car was built.

Calibration numbers

The trip computer uses in its calculations three separate calibration numbers. These figures are preset for the standard car, and do not have to be adjusted. However each car does vary due to tyre size, tolerances etc., and therefore the facility is provided to adjust these figures for greater accuracy. See your Holden Dealer if you wish to have the calibration numbers adjusted.

GLOVEBOX AND CLOCK

Glovebox



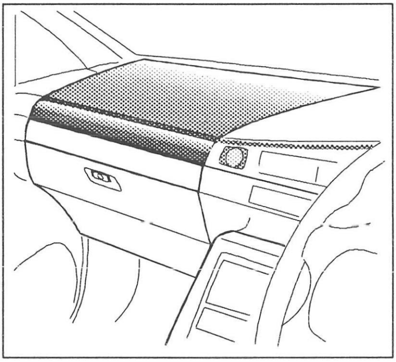
A glovebox is provided on the passenger side of the instrument panel.

A specific key (metal head) is provided solely to lock/unlock the glovebox. For security, the master key is designed not to operate the glovebox lock. Refer page 2-2 for more information on keys.

To lock, insert the glovebox key, turn clockwise and then withdraw. To unlock, insert the glovebox key and rotate anticlockwise.

To open, squeeze the two slides of the catch together and pull towards you. To close, push lid firmly back into place. This will engage the catch.

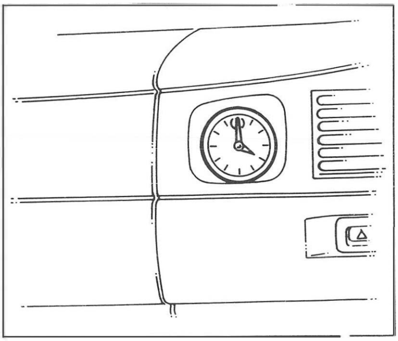
Additional glovebox



An additional glovebox is provided in the dash, above the regular, locking glovebox.

The lid is simply lifted up to open the glovebox and pushed back down to close.

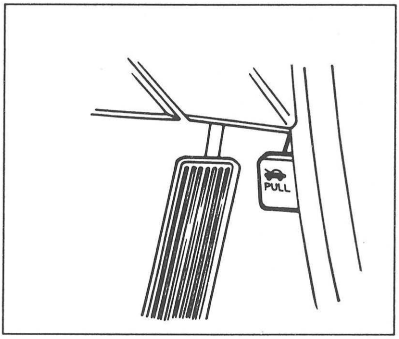
Clock



A clock is provided in the centre of the dash. To adjust the hands turn the knob in the centre of the dial.

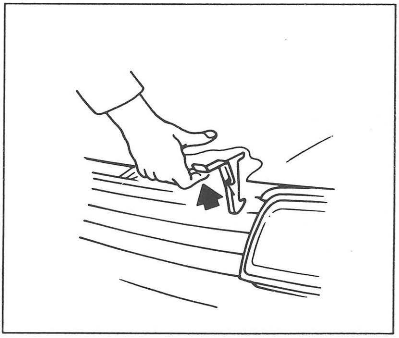
BONNET RELEASE

From inside the car, pull the lever, beneath the right hand side of the instrument panel, towards you.



This allows the bonnet to release but is prevented from opening by the safety catch. To open completely, reach in under the centre of the bonnet and move safety catch upwards. Hold in this position and raise the bonnet.

Note that after you have partially lifted the bonnet, gas struts will automatically take over, to lift and hold the bonnet in the fully open position.



For closing, pull the bonnet down and push firmly back into place.

Notes

CHAPTER 2

Locks

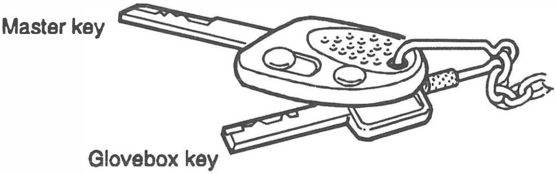
Page

2-2 Keys
2-3 Electric door locks
2-4 Child safety rear door lock
2-5 Security system
2-6 Alarm system
2-8 Ignition lock
2-9 Boot lock

KEYS

Two different types of keys will be provided with your new car:

- 2 master keys
- 2 glovebox keys



Key numbers

Please remove, and keep, any key number tags with the security card, in a safe place. Then, if a key is lost, a replacement can be ordered through any Holden Dealer by quoting the key code number, and providing proof of ownership.

Glovebox key

The **glovebox key** (metal head) locks and unlocks the glovebox. It is the only key that will operate this lock.

During normal driving, this key can be left in the unlocked glovebox. Then, when leaving your car and master key with a car park attendant you may lock valuables in the glovebox, and take the glovebox key with you.

Master key

The **master key** (plastic head) is used to operate all locks, except for the glovebox.

There are 2 buttons on the master key, marked DOORS (for the electric door locks, the alarm and the emergency operation of the security system) and TRUNK (opening the boot).

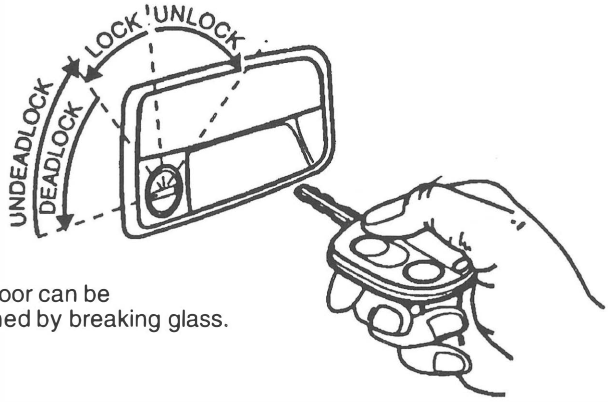
This key is powered by a lithium battery. With normal use this should last between 3 to 5 years. Key battery condition will be checked for you when your car is serviced by your Holden Dealer. A weakening battery is indicated by a "loss of range", which means you must be closer to the car when pressing the key. Originally the key should have a range of 5 metres. *Tinting the car's windows will, however, reduce the range of the key.*

DOOR LOCKS

The red section of interior door locks is an "unlock" reminder. Doors are locked when the lock knob is down and the red section no longer visible.

Doors can be locked and unlocked either by pressing the button on the master key (within 2 metres of the car), or by turning the master key in the door lock. However, it is preferable to lock the doors by pressing the DOORS button on the master key, as this will also set the alarm, refer page 2-6.

For further protection when leaving the car, you can set the 'dead lock' by turning the master key in the driver's door fully anticlockwise.



This electronically jams all the electric locks so that no door can be opened - even if entry is gained by breaking glass.

CAUTION:

Do not use deadlock if there are people in the car. The doors cannot be unlocked from inside.

- When pressing the button on the master key the turn signals will flash twice when the car is being unlocked, once when being locked.
- All passenger doors may be unlocked or locked individually. However, when the *driver's* lock knob is operated all the doors will simultaneously lock or unlock. The front passenger's lock knob can unlock, but not lock, all the other doors.
- Each passenger door may be locked behind you by depressing the lock knob when the door is open, then shutting the door firmly. It is not necessary to hold the handle up when shutting. The driver's lock knob, however, cannot be depressed when the door is open, thus preventing the driver from being accidentally locked out.
- All doors can be locked from outside the car by using the master key in the front door locks. Turn the key towards the rear of the car to lock all doors, towards the front of the car to unlock.

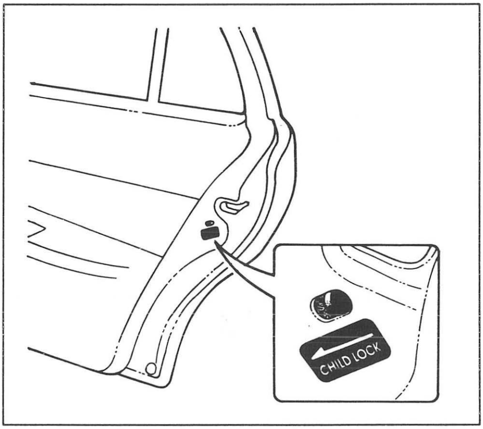
  Remember, turning the key fully anticlockwise in the driver's door lock will set the dead lock.
- Pressing the button on the master key to lock/unlock doors may not work in areas of high level radio fields, i.e. under TV towers etc. If this happens, lock/unlock the doors by turning the master key in the door lock barrel.

DOOR LOCKS

Rear “child proof” door locks

"Child safety locking" helps prevent rear doors from being accidentally opened by small children in the car.

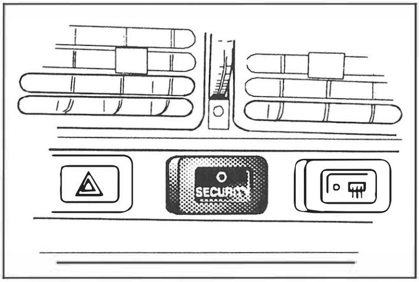
When the lever is in the lock position (to the front of the car) the rear door cannot be opened from the inside. It can be opened only from the outside.



CAUTION:

For safety, you should check that the lock is operating correctly (after setting) by trying to open the door from inside the car.

SECURITY



The Holden security system fitted to your Statesman or Caprice has been acclaimed as providing the most effective theft deterrent system available, by electronically disabling the engine, ignition and management system. This will occur automatically 30 seconds after the ignition switch is turned OFF.

The security light will start flashing when this has happened.

Inserting the master key in the ignition and turning to the ON position will reconnect the engine.

- Always remember to lock the door when leaving the car and, when appropriate, apply the dead lock, refer previous pages.

- If the engine won't start and the security light is still flashing, press the door locking button on the master key. If the engine still will not start, and the security light is still flashing, the system may be overridden by the following :

  1. Insert the master key in the ignition lock and turn it to ON
  2. Turn off all accessories (so as not to flatten the battery)
  3. Wait for at least 40 minutes (do not turn the key during this time)
     note that the security stops flashing when the 'wait' time has elapsed
  4. Turn the key directly to the start position and start the engine

  If the engine now starts you should see your Holden Dealer to have the security system checked.

- Even if the battery inside the key is too flat to transmit the signal to unlock the car, you may still unlock the doors by turning the master key in the door lock barrel (which may set off the alarm). The engine will be reconnected as per normal (by turning the master key in the ignition) despite the flat battery. This will also turn off the alarm.

ALARM

In addition to disconnecting the engine (see previous page), your car is fitted with an alarm system, which is turned on and off when the DOORS button on the master key is pressed. Therefore, locking the doors by pressing the DOORS button not only locks all the doors but (after a 30 second time delay) also sets the alarm system.

The alarm is triggered when any of the doors, bonnet or boot are opened or a `hot-wire' attempted....... a loud, pulsing alarm will sound, and the interior light and all exterior turn signals will flash.

If the alarm is triggered, you may turn it off by pressing the DOORS button on the master key, or put the master key in the ignition and turn to ON. Alternatively, you may allow the alarm to time out and reset itself - to guard against further break-in attempts.

Alarm notes

- Remember, press the DOORS button on the master key to turn the alarm system off and on. The alarm system can only be turned on by pressing the DOORS button on the master key. When the alarm system is switched ON, turning the key in the lock to open the doors or boot will trigger the alarm.
  When the system is armed you may however open the boot by pressing the TRUNK button on the master key. This will not set off the alarm, but instead will leave the alarm system on and undisturbed.

- Turning the ignition switch to ON with the master key can also turn the alarm system off, but not on. This can be useful if the battery inside the master key is flat, as key battery power is not required to transmit the *off* signal.
  Therefore, if returning to an armed car and the battery inside the master key is so flat that pressing the DOORS button will not unlock the car:

    - turn the master key in the door lock barrel to unlock the door (the alarm will trigger)
    - then turn the master key in the ignition to turn off the alarm and reconnect the ignition.

- The system stays the same from when the car battery is disconnected to when the car battery is reconnected. This means that if your car is broken into and the battery quickly disconnected to stop the alarm, then as soon as the battery is reconnected the alarm will continue where it has left off. The engine will remain disconnected.

- Remember that the deadlock feature will not be activated if you press the DOORS button to lock the car and set the alarm. Deadlock can only be set by turning the master key to the horizontal position in the driver's door lock. Likewise, pressing the DOORS button cannot unlock the car when the deadlock is set; you must turn the master key in the door lock.

ALARM

- The DOORS button on the master key will not function when the ignition is turned ON. The TRUNK button, however, will function at all times, except when the car is moving.

- Pressing the DOORS button on the master key to set the alarm automatically:
  - locks all doors
  - sets the alarm (after 30 seconds)
  - switches the interior dome light off, if already on
  - withdraws the antenna
  - flashes the exterior turn signals once
  - deactivates the power windows

- Pressing the DOORS button to switch off the alarm automatically:
  - unlocks all doors
  - switches off the alarm
  - switches on the interior dome light for 30 seconds.
  - flashes the exterior turn signals twice

- If pressing the button on the master key does not work the battery inside the key may be flat, refer page 2-2.

- Pressing the DOORS button on the master key may not work in areas of high level radio fields, i.e. under TV towers etc.

'break-in'

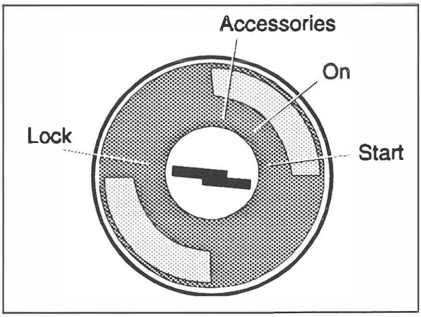
Press the DOORS button on the master key. This will unlock the doors and turn off the alarm system. Note that the turn signals on your car will flash when this is happening. They should flash twice. If they flash three times an attempted break in has occurred whilst the car was armed.

If you wish to find out what set the alarm off, carefully watch the security light.

2 flash~pause~2 flash: bonnet
3 flash~pause~3 flash: boot
4 flash~pause~4 flash: passenger door (either front or rear)
5 flash~pause~5 flash: driver's door
6 flash~pause~6 flash: hot wire was attempted
7 flash~pause~7 flash: hot wire was attempted

To cancel the flashing code, turn the ignition with the key to ON, then OFF again.

IGNITION LOCK



The key is inserted in the ignition at the LOCK position.

Turn the key clockwise until resistance is felt. The first resistance position is ACCESSORIES, the second is ON.

Turning the key further clockwise, past ON, is the engine START position. When the key is released from the START position it will automatically return to the ON position.

LOCK

Accessories and engine are off.
The key can only be inserted and removed from this position. Once removed, the steering will be locked and (after 30 seconds) the engine will be disabled. To release the steering and reconnect the engine, insert the key into the ignition switch and turn it clockwise. If you have trouble turning the key to unlock the steering, turn the steering wheel slightly to the right or left while twisting the key clockwise.

ACCESSORIES

The engine is not running but accessories such as the radio and wipers still operate.

ON

This is the position at which the engine is ready to start and all electrical systems are active. To avoid flattening the battery, do not leave the switch in the "ON" position for prolonged periods, unless the engine is running.

START

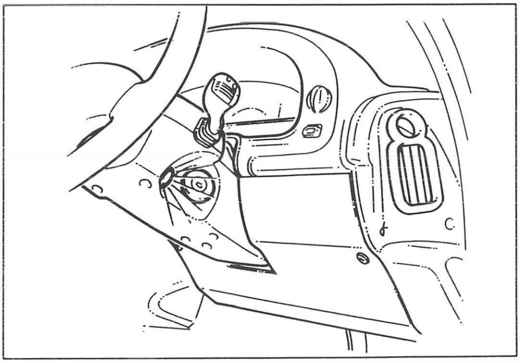
This is the position for starting the engine. The key should be released from this position as soon as the engine starts.

CAUTION:

Do not turn off the engine while the car is moving or there will not be any power assist for brakes or steering. Never remove the key while the car is moving as this will lock the steering of the car.

Illumination

The ignition switch, partially hidden behind the steering wheel, is illuminated (for easy key insertion) when a door is opened.

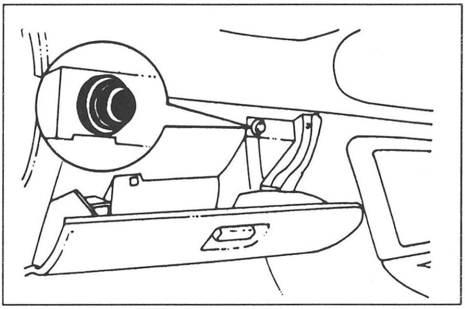


BOOT (TRUNK) LOCK

To unlock, turn the master key clockwise in the boot lock. Note that after partly opening the boot lid, gas struts will automatically take over to lift and hold the boot lid in the fully open position. The boot re-locks automatically when pushed shut.

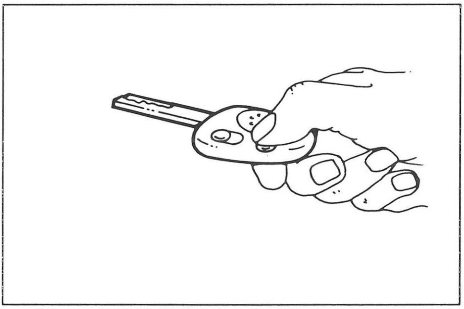
Button release

Push the button in the glovebox to unlock the boot. Then from outside, lift up the boot lid.



Master key release

The boot may be opened by pressing (for more than one and a half seconds) the TRUNK button on the master key, provided you are not travelling over 5 km per hour.



Notes

CHAPTER 3

Know your car

Page

3-2 Windows
3-3 Front seat adjustment
3-5 Rear seat adjustment
3-6 Mirrors
3-7 Seat belts
3-9 Child restraints
3-11 Park brake
3-11 Footrest
3-12 Assist grips
3-12 Reading lights
3-13 Cigarette lighter & ashtrays

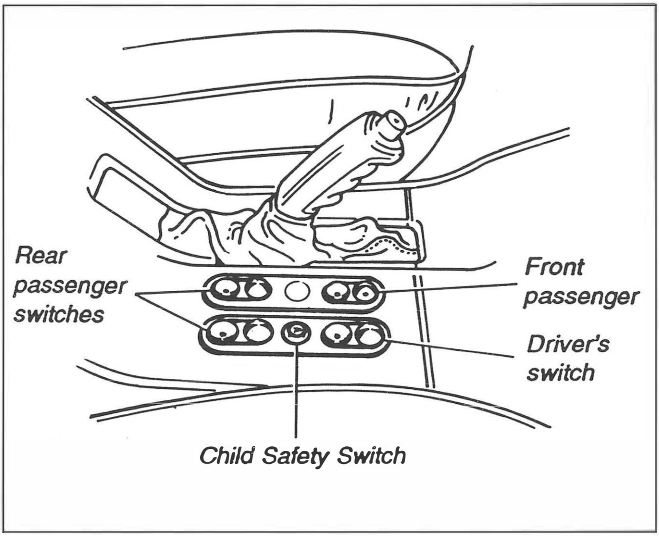
WINDOWS

Windows are operational when the ignition is turned to ON - a green light on the buttons indicates when they are active.

The *master* control for the windows is fitted in the centre console.

To raise the window, push the raised section, to lower, push the indented section.

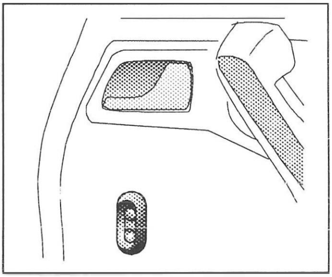
Rear windows can also be operated by individual switches located on the rear doors.



These *rear door* switches can be deactivated. A "child safety" switch is provided in the master control to turn off the switches located on the rear doors.

Note that the console switches for the rear windows will still be active.

Re-press the child safety switch to reactivate the switches located on the rear doors.



"auto down" - driver's window only

Depress the down button for more than half of a second and remove your finger. The window will continue to open automatically until it is completely down. To interrupt the "auto down" press the up button, or tap the down button again.
"Tap" the down button to open the window in short steps.

Time delay

A time delay feature enables all the windows to be operated for approximately 45 seconds after the ignition has been turned off and a door has been opened.

An additional time delay enables all the windows to be operated for approximately 1 hour after the ignition is turned off, providing none of the car doors are opened. If a door is opened, the 45 second door timer will override this feature. Remember that if the theft deterrent system is armed via the DOORS button on the remote key, the electric windows will immediately be deactivated.

The green "active" light on the buttons will go off when the time delay finishes.

FRONT SEAT ADJUSTMENT

Lumbar support

Move the lever (on the door side of the seat) to alter support given to the lower part of your back. There are four positions: horizontal for full support, two intermediate positions, and vertical for least support.

Head restraint

This safety feature is not intended as a headrest. It is solely for the reduction of possible injury that may result from a whiplash neck movement following a car collision. To adjust the height of the head restraint, pull up or push down, as required.

The angle of the front head restraints can be tilted to 3 positions with Caprice models. Pull the head restraint forward to position 2, pull again to position 3, and once more to return the head restraint to position 1 (upright).

Electric seat

CAUTION:

For your safety, the car must only be driven when the seat is adjusted to your correct driving position.

Driver's seat: Do not adjust when the car is moving, as the seat could move away from the driving position, causing the driver to lose control.

The sets of switches on the sides of the front seats move the seats up and down, backwards and forwards, reclines and inclines. In addition, the driver's seat on Caprice models can remember up to 3 different seat positions, particularly useful when the car has more than one driver. The switches controlling the memory are located on the driver's door.

Switches on side of seat

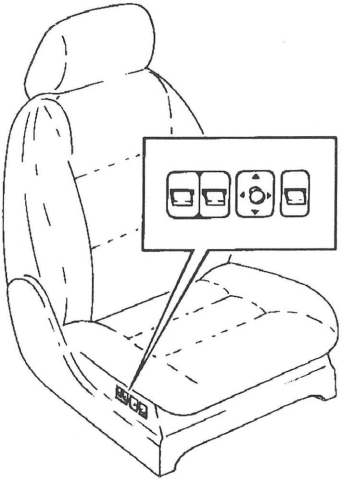
The front switch moves the front of the seat up or down.

The next switch has four positions. It moves the whole of the seat up or down; or the whole of the seat backwards or forwards.

The next switch moves the rear of the seat up or down.

The rear switch tilts the back of the seat.

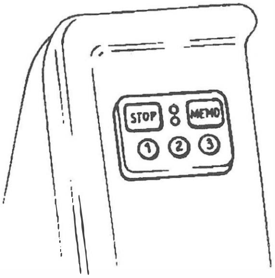
These switches are operational at any time, regardless of the ignition key position.



FRONT SEAT ADJUSTMENT

Caprice models

Memory buttons on the driver's door.



To recall a memory position, simply press and hold the appropriate recall `number' button.

The ignition must be turned to OFF or ACCESSORIES for the memory buttons to work. For safety, the memory buttons are not operational if the ignition is switched to ON.

To lock a *new* driver's seat position into memory:

- First use the switches on the driver's seat to move the driver's seat into the desired position.
- Depress and hold the MEMO (memory) button.
- Press button 1 while the MEMO button is held.
- The red light on the switches is designed to warn you that you are the altering the memory.
- Release both buttons.

The current driver's seat position is now locked into memory. Even though the driver's seat may then be adjusted to a new position, pressing button 1 (without touching the MEMO button) will return the driver's seat to the memory position. Buttons 2 and 3 can be programmed in the same way. The memory position is changed whenever the MEMO and a number button are simultaneously pressed.

Note: When the ignition is switched to ACCESSORIES you have only to press (for at least half a second) buttons 1, 2 or 3 to recall a memory position. When the ignition is turned to OFF you must hold down the button the whole time that the driver's seat is moving. When the ignition is turned to ON the buttons are not operational. However, if the ignition was turned to ON just after pressing a number button, the driver's seat will continue to travel to its memory position.

Pressing the STOP button will interrupt the movement of the driver's seat.

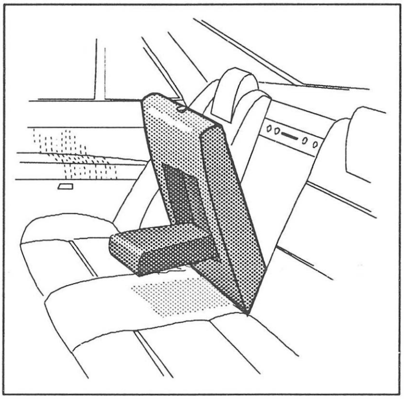
REAR SEAT ADJUSTMENT

The middle section of the rear seat may be folded forwards to gain access to the boot area or for carrying long, awkward loads.

To fold the middle section forward, pull up the lock button at the top of the middle section.

To return to the upright position, simply push back into place and check to ensure the lock button is engaged.

In addition, an armrest is provided in the middle section. To fold down the armrest, insert your hand at top of the armrest and pull down. Push up armrest if upright position is required.

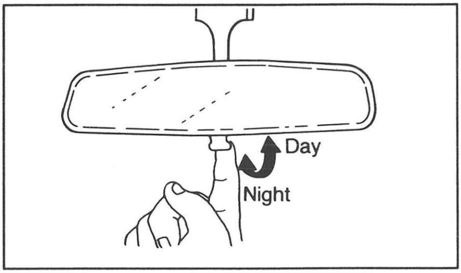


MIRRORS

Internal rear vision mirror

Moving the lever on the lower edge of the mirror reduces headlight glare from following cars, when driving at night.

During normal daylight operation, the lever should be set forward, away from the driver. To reduce the glare at night, flick the lever towards the driver.



External mirrors

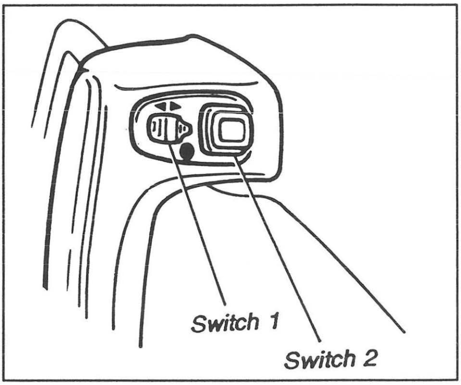
Mirror angle can be adjusted when the ignition is turned to ON via the switches on the driver's door armrest.

Switch 1 has three positions; left mirror, neutral and right mirror.

Press the edge of switch 2 in the direction you wish the mirror to move, i.e. top edge of the switch to move the mirror upwards.

Do not press the *corner* of the switch to adjust the mirror - only the flat edge should be used.

The left mirror is convex shaped, to provide a wider view. Note that objects appear further away than they actually are.



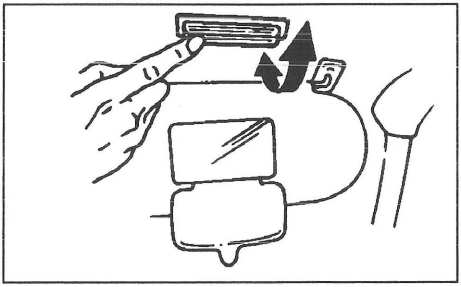
Vanity mirrors

FRONT

A "vanity" mirror is fitted to the underside of the sun visor(s).

If the mirror(s) fitted to your car are the covered type, use the tab to pull the cover down.

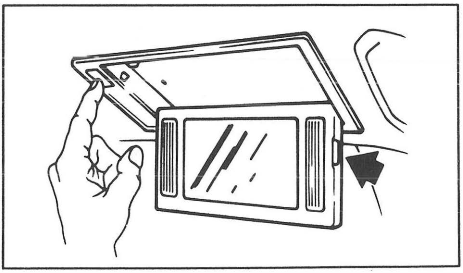
Turn on the vanity mirror light (if fitted) by tilting the lens towards you, as shown.



REAR

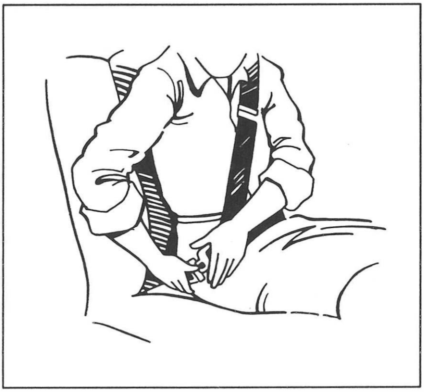
Caprice models have two additional vanity mirrors fitted inside the roof lining, just in front of the rear seats. Push the release button to reveal and illuminate the mirror.

The switch at the side of the mirror alternates illumination between bright and dim. When finished, simply push the lid back into place.



SEAT BELTS

Retractor belts



To put on a retractor seat belt, pull the metal tongue across your body and clip into the buckle. When the metal tongue has locked safely into place you will hear a "click". After fastening, settle the belt at the hip, go across to the buckle, then up under the sash. Any extra belt length will retract automatically.

The lap section should be worn as low as possible on your hips, not on your waist. Make sure the lap sections and sash sections of the seat belt are free from twists and are fitting firmly.

The emergency-locking retractor belt allows you to move freely while the car is travelling normally. The belt will lock immediately on fast braking, impact with a solid object or any quick movement by the wearer.

To release the belt, press the release button on the buckle and allow the belt to retract. Check that it fully retracts without twisting or turning.

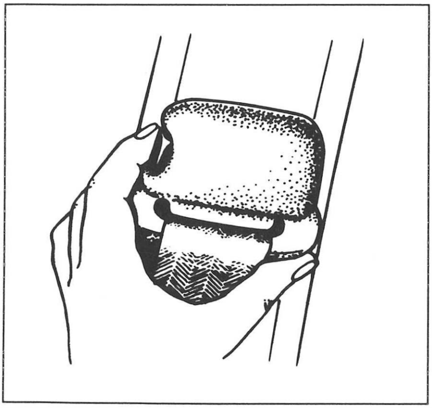
Front and rear seat belt - shoulder height adjust

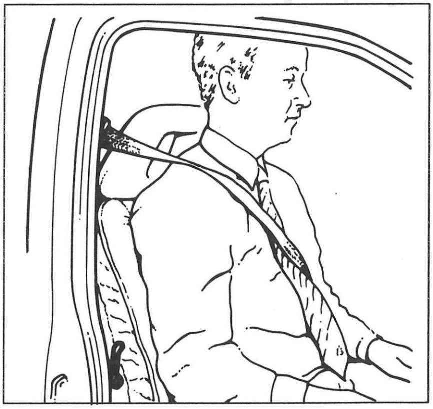
The seat belt is anchored to the car near your shoulder. The position of anchorage can be moved to 5 different heights.

To move, hold the button fully in while moving. Release button at required position and ensure anchor has clicked into position.

Short people should select a low anchor position, tall people a higher one. This will ensure, for both safety and comfort, that the webbing of the seat belt fits on the shoulder.

For your safety, the driver's side shoulder anchor should not be adjusted while the car is in motion.





SEAT BELTS

WARNING:

Seat belts are designed to bear upon the bony structure of the body, and should be worn low across the front of the pelvis or the pelvis, chest and shoulders, as applicable; wearing the lap section of the belt across the abdominal area must be avoided.

Seat belts should be adjusted as firmly as possible, consistent with comfort, to provide the protection for which they have been designed. A slack belt will greatly reduce the protection afforded to the wearer.

Care should be taken to avoid contamination of the webbing with polishes, oil and chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water. The belt should be replaced if webbing becomes frayed, contaminated or damaged.

It is essential to replace the entire assembly after it has been worn in a severe impact, even if damage to the assembly is not obvious.

Belts should not be worn with straps twisted.

Each seat belt assembly must only be used by one occupant; it is dangerous to put a belt around a child being carried on the occupant's lap.

No modification or additions should be made by the user which will either prevent the seat belt adjusting devices from operating to remove slack, or prevent the seat belt assembly from being adjusted to remove slack.

The positioning of the tongue restrictor must never interfere with, or stop, the belt from fully retracting.

WARNING:

Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts or harnesses or for attaching other items or equipment to the vehicle.

CHILD RESTRAINTS

Infant and child restraints

CHILDREN SHOULD BE RESTRAINED AT ALL TIMES WHEN RIDING IN A MOTOR CAR. In some Countries/States it is Law that children must be belted in, whenever they are travelling in a car in which seat belts are installed.

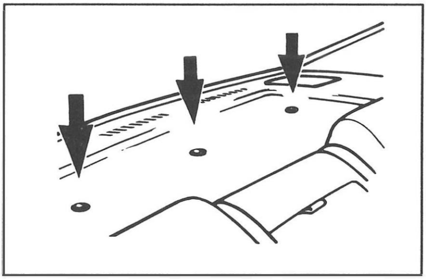
INFANTS UNABLE TO SIT BY THEMSELVES should be carried in an approved child seat restraint (capsule). Check with your local Infant Welfare Centre for availability. Always ensure that the seat belt fits snug and tight around the child/baby restraint.

CHILDREN ABLE TO SIT UP should be restrained with regular seat belts or an approved child restraint.

Where children are restrained with the regular seat belt and it is desired to raise their seating position this is to be done only by means of a support which is retained by the belt. NEVER USE A LOOSE CUSHION AS THIS COULD ALLOW SERIOUS INJURY IN THE CASE OF A CAR COLLISION.

Child anchorages

Your car is fitted with anchorage points for child restraints on the rear window ledge.



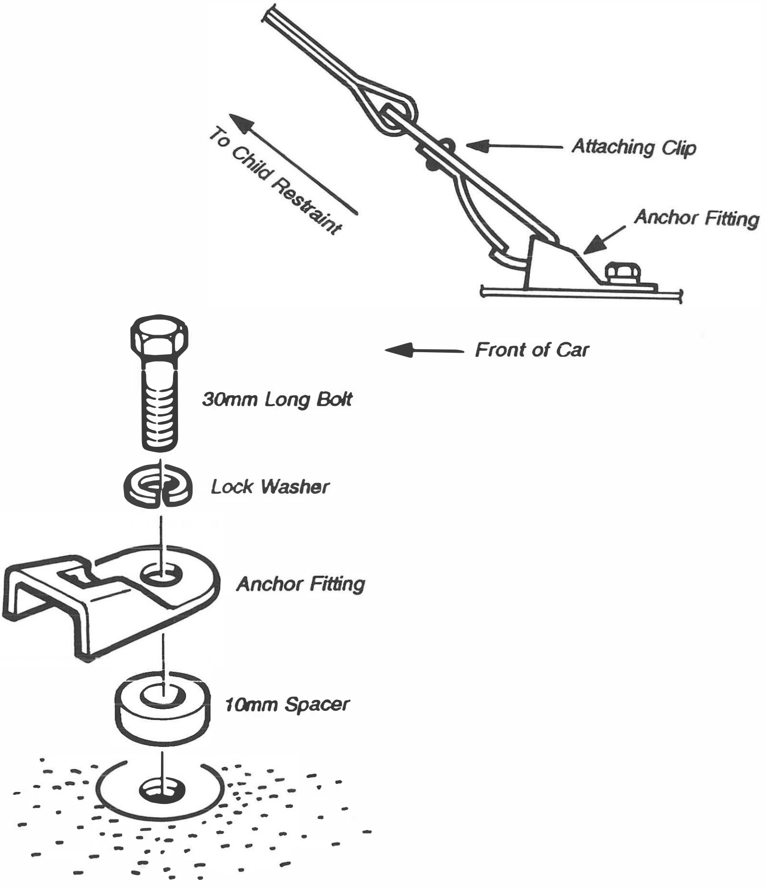
CHILD RESTRAINTS

ANCHOR FITTINGS

The illustrations below shows how to install anchor fittings into the locations shown on the previous page.

CAUTION: The anchor fitting is only applicable to child restraints approved to Australian Standard AS 1754-1991 (and subsequent amendments). Older child restraints may not attach securely to this type of anchor.

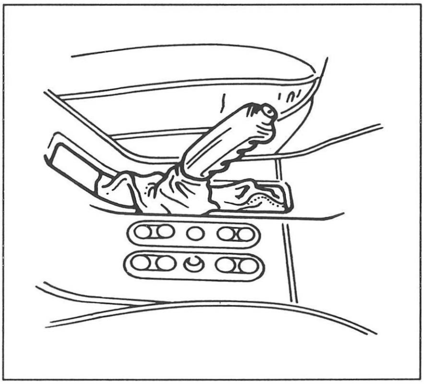
Australian cars manufactured after January 1995 will already have an anchor fitting in one of the three anchorage points on the rear parcel shelf. The illustrations below are for installing additional *anchor fittings, using the bolts, spacers and washers supplied with a child seat.*


To Child Restraint
Attaching Clip
Anchor Fitting
Front of Car
30mm Long Bolt
Lock Washer
Anchor Fitting
10mm Spacer

PARK BRAKE AND FOOTREST

Park brake

The park brake lever is mounted on the right of the driver's seat.



- To apply, pull the lever straight up, without pressing the release button. To release, pull the lever slightly upwards, push in the release button on the end of the lever and whilst depressed, lower the lever all the way down.
- When the ignition switch is turned to ON, a symbol on the instrument panel will indicate that the park brake is applied.
- NEVER drive the car with the park brake applied.
- If you attempt to drive off without releasing the park brake an audible warning chime will be heard. When driving, this will repeat every minute until the park brake is released.

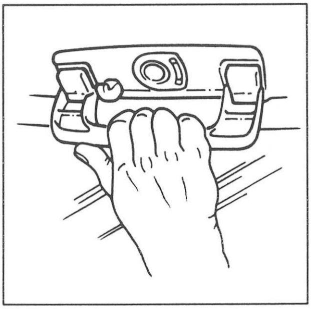
Footrest

The footrest for the driver's left foot is adjustable to three places, on some models. First undo the two screws on the right hand side of the footrest. Move the footrest forward or backward as required, then replace the screws. If you have any problems with this adjustment, your Holden Dealer will be happy to assist.

GRIPS AND READING LIGHTS

Folding assist grips

Assist grips are provided in the roof, above passenger doors that will tuck back into place when released.



Reading lights

The rear reading lights may be individually turned to OFF, ON or to DOOR. If DOOR is selected, then they will operate in conjunction with the centre dome light, refer page 1-10.

Front reading lights may be switched ON or OFF, as required.

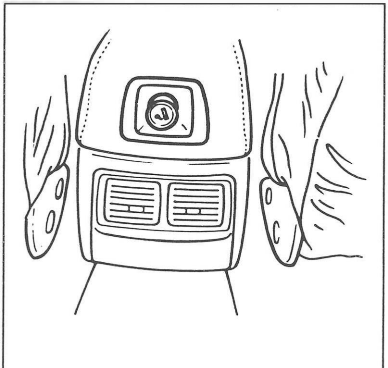
CIGARETTE LIGHTER AND ASH TRAYS

Cigarette lighter

The cigarette lighter is operational when the ignition is turned to either ON or ACC. To operate, simply press in the lighter knob. When the element is hot the lighter will automatically pop out, ready for use.

The front cigarette lighter is located on the console, between the two front seats.

The additional rear cigarette lighter is located between the two front seats, at the rear of the console.



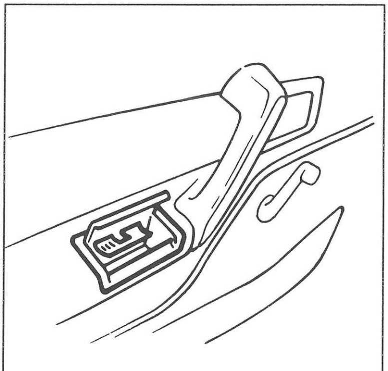
Rear seat position

Note: Any accessory device (car fridge etc.) connected into the cigarette lighter socket must not exceed a current draw of 10 amps. Any device exceeding 10 amps should instead be connected to the battery.

Ash tray

The front ash tray is located in the centre console. To use, flip up the hinged cover. To clean, pull up the tray by grasping the cover flap.

Rear ashtrays are located in the rear arm rests. As with the front ash tray, they may be removed for cleaning by flipping up the hinged cover and then pulling out.



Rear seat position

Notes

CHAPTER 4

Driving

Page

4-2 Safety
4-3 Engine starting
4-4 Automatic transmission
4-6 Running-in
4-6 Driving precautions
4-7 Snow chains
4-8 Anti-lock Brake System

SAFETY

Before entering the car

1. Check that windows, mirrors and lights are clean.
2. Check tyre inflation.
3. If you intend to reverse, check that the area behind your car is clear.

Before driving off

1. Be sure that all doors are secured.
2. Position your seat for comfortable driving.
3. Adjust rear vision mirrors.
4. FASTEN SEAT BELTS.
5. Check that all the warning indicators light up when you turn the key to start the engine.

Parking

1. Apply the park brake.
2. Place transmissions in PARK.
3. Shut all windows.
4. Turn ignition key to LOCK and remove the key.
5. Lock all doors, by pressing DOORS button on the key (this also sets the alarm).
6. Set deadlocking, refer page 2-3.

CAUTION:

Be careful where you park or drive. As with any car, do not park or operate this car in areas where combustible materials such as dry grass or leaves can come in contact with a hot exhaust system.

ENGINE STARTING

1. Ensure the park brake is firmly applied (release only after you have started the engine and are ready to drive off).
2. Move the shift lever to P(park) or N(neutral) position. The engine will not start if it is in any other position.
3. Start the engine as outlined below (with your foot off the accelerator).

For cold or hot starting the procedure is the same. Simply turn the key to the start position and release when the engine starts.

> YOU DO NOT HAVE TO DEPRESS THE ACCELERATOR PEDAL PRIOR TO, OR DURING, STARTING. DEPRESSING THE ACCELERATOR PEDAL WILL ONLY INCREASE CRANKING TIME AND WILL NOT HELP THE ENGINE TO START.

You should not subject the engine to high load conditions such as full throttle acceleration or high speeds until it has completely warmed up. You may otherwise cause premature engine wear or engine damage.

Engine won't crank

PRESS AND RELEASE THE DOORS BUTTON ON THE MASTER KEY and try starting the engine again. NEVER PRESS THE MASTER KEY BUTTONS WHILE CRANKING THE ENGINE. If the security light is still flashing and engine still won't start refer 2-5 for over riding security system. However, if the engine does not start and the security light is *not* flashing you should see your Holden Dealer.

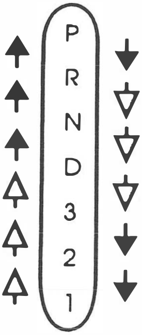
Flooded petrol engine

Cranking the engine for a lengthy period without it starting could result in flooding (too much fuel injected into the engine). If this occurs, press the accelerator pedal down to the floor and hold it there while holding the key in the START position. Immediately release the accelerator pedal when the engine starts.

AUTOMATIC TRANSMISSION

Raise the release bar below the T-bar handle when shifting into any position indicated by the black arrow.

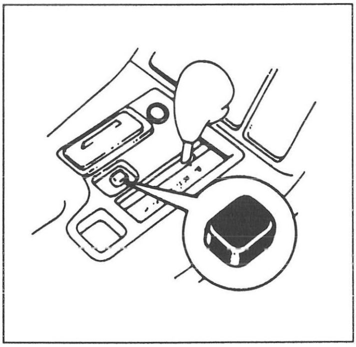
You may shift *without* raising the handle into any position marked by the outline arrow.



Power/economy mode

The transmission operates in two types of modes: power and economy. The PWR reminder light on the instrument panel will glow when in the power mode.

The power mode is recommended when towing or when driving on hilly roads, as it gives better acceleration and deceleration. Economy mode is recommended on normal or freeway driving, as it gives better fuel economy. Power mode has revised automatic transmission shift points, to give the car a more responsive feel.



AUTOMATIC TRANSMISSION

P (park)	This prevents the rear wheels from turning and so should be selected (together with the park brake) when leaving the car. Never select P until your car is fully stopped.
R (reverse)	Never select R until your car is fully stopped. Reversing lights will operate when R is selected and the ignition is on. After reversing, make sure the car has fully stopped before selecting another gear position.
N (neutral)	This is the out-of-gear position. You may then restart a stalled engine while the car is still moving.
D (drive)	This is the most effective position for normal or freeway driving. The drive position gives maximum fuel efficiency, as the transmission can choose the appropriate gear (1 through to 4) for the existing load and driving conditions. Use this position, together with the PWR mode for most towing (economy mode can be used for towing under ideal conditions).
3 (third)	Third is most effective when overtaking and gives responsive acceleration and deceleration, especially in hilly areas. This position allows the transmission to shift to first, second or third gear as conditions require. Drive (4th gear) is excluded.
2 (second)	Use this position when going down a moderate gradient where you want to slow down a little with minimal use of the brakes. The transmission will shift to first or second gear as required. Move the lever back into the drive position to return to normal driving.
1 (first)	Use this position when strong braking effect is needed on a steep gradient. Remember to move the lever back to drive position so that the transmission will again upshift into higher gears. Note: Even though the T-bar may be in 1, the transmission will not select first gear until car speed is less that 60 km/h. Take extreme care when selecting 1 if towing a trailer or caravan on a steep incline.

- Don't rev the engine with the brakes on in either 1, 2, 3, D or R. This will overheat the transmission.

- Don't rev the engine to hold the car on a slope. Use the brakes.

- Don't coast the car in N - this lessens your control and the engine braking power.

- Refer page 7-7 when checking automatic transmission fluid level.

- The engine will not start unless the selector is in P(park) or N(neutral).

DRIVING PRECAUTIONS

Running-in

These days, there's no need to follow a formal running-in schedule. However, by observing a few simple precautions during the first few hundred kilometres of driving you will greatly assist your car's future performance and economy.

For the first 500 kilometres, don't exceed 100 km/h and avoid using heavy acceleration.

Up to 1,500 kilometres avoid driving at any one speed - either slow or fast - for any length of time. Therefore, avoid using the cruise control while "running-in". However, include some higher speeds during this period. Always drive at moderate speed until the engine has completely warmed up.

It is best to drive your new car for 1,500 km before towing a load. If you must tow before this do not exceed 80 km/h. The same applies if you have a new or reconditioned engine, transmission or rear axle.

Loose articles

Do not leave loose articles or luggage in the passenger compartment. Whenever possible, stow articles in the luggage compartment. For wagons, loads stowed in the luggage area should be firmly secured.

Brakes

- The "power assisted" brakes, fitted to your car, use vacuum from the engine when it is running. Therefore, never let the car run down hills with the engine off, or coast after switching the engine off.
- Your seat should be positioned so that you can reach the brake pedal easily. Nothing should be under the brake pedal which could limit pedal travel, for-instance, poorly fitting floor mats.
- Consistent, heavy use will shorten the life of the brake pads.

Power steering

The "power assisted" steering, fitted to your car, has been designed to reduce steering effort. Care should be taken not to hold a turning force on the steering wheel when stationary (i.e. when waiting before turning a corner, etc.) as this creates high operating pressures within the system.

If power assistance for the steering isn't working, due to the engine stalling etc., the car can still be steered. However, due to the much greater effort required to steer, it is recommended that you have the problem fixed promptly.

DRIVING PRECAUTIONS

Tyre traction

A decrease in driving, cornering and braking traction occurs when water, snow, ice, gravel or other materials are on the road surface. Driving practices and car speed should be adjusted to the road conditions.

Water crossing

Before crossing water it is recommended that air conditioning be switched off if your car has a 3800 (V6) engine.

Crossing deep water could damage the engine. It is recommended that the water depth be no more than 175mm and speed be limited to a walking pace. Brakes may then need drying out: lightly apply the brakes while maintaining a slow forward speed, with a clear area ahead, until brake performance returns to normal.

Loose articles

Do not leave loose articles or luggage in the passenger compartment. Whenever possible, stow articles in the luggage compartment. For wagons, loads stowed in the luggage area should be firmly secured.

Snow chains

Snow chains should be fitted only on the rear (drive) wheels.

Depending on design, large hub caps may contact parts of the chain. If so, remove the hub caps. Any valve extensions should also be removed.

Snow chains may only be used at speeds up to 50 km/h.

Snow chains should only be used for short distances if the roads are not snow covered.

The hard road surface causes rapid wear and the chain may break. The part of the snow chain that covers the tyre tread should not be thicker than 13 mm.

The part of the snow chain that wraps around the side of the tyre should not be thicker than 18 mm (including the chain clasp).

The use of thicker chains may cause damage to the body of the car.

Ensure that tyre pressures are as per pressures recommended on the tyre placard.

Mobile phones and CB radios

Mobile phones and CB radio equipment, which use an integrated antenna, may temporarily affect the car's electronics when used inside the car, due to the interference created when transmitting.

Therefore, mobile phones and CB equipment that use an antenna fitted to the outside of the car should be used whenever possible.

If phones or CBs with an integrated antenna *must* be used inside the car, care should be taken not to operate near the dashboard area.

A.B.S. (Anti-lock Brake System)

ABS is provided in addition to your car's normal brake system. It prevents the wheels from locking up when braking, irrespective of the road conditions and tyre grip. It starts to regulate the braking as soon as a wheel shows a tendency to lock. The car remains steerable, even in the event of panic braking, for instance on bends or when swerving to avoid an obstacle.

Maximum braking is provided for each wheel, up to the point where it would lock. This means that steering control is retained.

DO NOT let this special safety feature tempt you into taking risks when driving. Traffic safety can only be achieved by safe driving. Your speed should always be adjusted to suit road and traffic conditions.

An ABS OFF warning light is provided beneath the gauges. To check that the bulb is working, the light will come on for a few seconds when the ignition is first turned on. If this symbol is displayed when driving a malfunction of the ABS system is indicated. Remember, however, that this only means that the ABS's 'no lock' assistance is not operating, your car's conventional brake system will still operate normally.

ABS
OFF

When your car is in a critical braking condition ABS will make itself noticeable through pulsing of the brake pedal and the noise of the regulation process, thereby reminding you to match your speed to the road conditions, even though it is keeping control of the braking.

When the ignition is turned on (and car speed is greater than 6 km/h) the ABS system performs a self check. This may be heard as well as felt, as pulsing, through the brake pedal.

Notes

Notes

CHAPTER 5

Fuel

Page

5-2 Carbon monoxide caution
5-3 Petrol filling
5-3 Fuel Tank capacities
5-4 Emission Control
5-5 Reducing fuel consumption

If your car has been convereted to Gas refer separate LPG supplement in glovebox.

PETROL

EXHAUST WARNING - CARBON MONOXIDE POISONING

Exhaust gases contain carbon monoxide, a dangerous gas, which can cause unconsciousness and even death to both humans and animals.

You could inhale the gases if the exhaust system on your car is faulty.

To protect against exhaust gases entering the car, the exhaust system and body should be inspected:

- **each time the car is serviced**
- **whenever a change is noticed in the sound of the exhaust system**
- **whenever the exhaust system, underbody or rear of the car is damaged.**

Take the car to your Holden Dealer if you think your car needs inspecting for any of the above reasons.

DO NOT SIT (OR LEAVE THE CHILDREN OR PETS) IN A PARKED CAR FOR ANY EXTENDED PERIOD OF TIME WITH THE ENGINE RUNNING. DO NOT RUN THE ENGINE IN AN ENCLOSED AREA (SUCH AS THE GARAGE) ANY LONGER THAN IS NEEDED TO MOVE THE CAR.

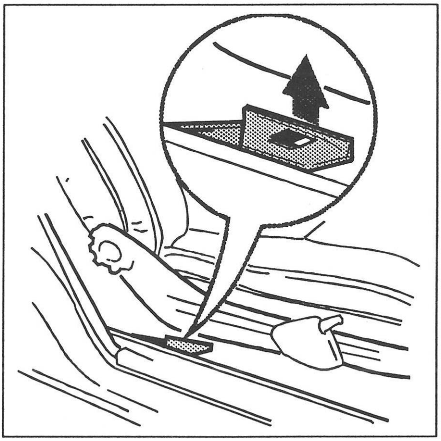
Driving with the boot or tailgate open is not recommended. If you *must* travel with the boot or tailgate open, close all windows, ensure that the heater controls are set to outside (rather than re-circulate) with air directed to the face and the fan on the highest speed. Do not exceed 50km/h unless necessary.

PETROL

CAUTION:

- **Petrol should be regarded as extremely flammable and highly explosive.**
- **Always turn off the engine when refuelling.**
- **Do not smoke or allow open flames or sparks near the car when refuelling.**
- **If petrol fumes are smelt while driving, the cause should be found and corrected without delay.**

A release lever for the petrol flap is provided inside the car, on the floor, to the right of the driver's seat. Pull the lever up.



The petrol cap (under the petrol flap) is a screw-on, ratchet type. After refilling, tighten the cap clockwise until a clicking noise is heard, before closing the petrol flap.

Wipe off any overflowing petrol immediately.

Tank capacity = 75 litres

Use UNLEADED PETROL of 91 octane rating or more (Research Octane Number), as per the label on the petrol cap. The use of any other petrol will seriously damage the engine of your car and may void your Warranty. Only clean petrol of good quality should be used.

Over filling of the petrol tank can affect the evaporative Emission Control System and can also result in a smell of petrol inside the car. Therefore:

1. Petrol tanks should always be filled at the intermediate or fast fill rate. Don't add any more petrol after the petrol filler first clicks off (or petrol blows back) - as this allows room for the petrol to expand inside the tank.
2. It is permissible to "trickle fill" petrol tanks when cars are to be driven for more than 50 km straight after the tank is filled. However, this is not recommended on hot days (over 30°C).

EMISSION CONTROL

Your car is fitted with emission control systems which are designed to reduce the amount of hydrocarbons (HC), carbon monoxide (CO), and oxides of nitrogen (NOx) that are emitted from the engine and fuel system into the atmosphere. Hydrocarbons and oxides of nitrogen, when exposed to sunlight under certain conditions, produce photochemical smog. In addition, carbon monoxide is toxic when it becomes highly concentrated in the air.

The three major emission control systems fitted to your car are:

1. **Evaporative Emission Control System** (Australian Cars Only)
   This system is designed to prevent the escape of fuel vapourfrom the fuel system and recycle them through the normal combustion process.

2. **Crankcase Emission Control System**
   This system is designed to prevent blow-by gases from escaping into the atmosphere and recycle them through the combustion process.

3. **Exhaust Emission Control System**
   The various components of this system operate collectively to limit HC, CO and NOx emissions in the exhaust gas. The exhaust Emission Control System is comprised of components including electronic control of spark, fuel and idle speed. In addition, Australian cars have a catalytic converter and closed loop mixture control system.

For detailed information on the operation, servicing and repair procedures for these systems, refer to your car's service manual and/or the emission label inside the engine compartment (on the passenger side strut tower) of your car.

Owner responsibility

Cars sold and serviced within Australia have been designed to comply with Australian Design Rules and State Regulation emission requirements. Export cars have been designed to comply with the ECE R83 Emission requirements, where regulations exist.

The engine or exhaust system of your car must NOT be modified in any way. Any change to the Manufacturer's design may increase the emissions or otherwise defeat the intent of the regulations.

ANY PERSON WHO REMOVES, MODIFIES OR HINDERS ANY PART OF THE EMISSION CONTROL SYSTEM FITTED TO A CAR WILL BE CONTRAVENING REGULATIONS. IT IS ALSO UNLAWFUL TO DRIVE SUCH A CAR.

Maintenance requirements

To ensure continuing compliance with the regulations you must maintain your car's emission control system as per your car's service manual, at the frequency shown in the Holden's Maintenance Plan.

It is recommended that the necessary servicing be performed by an authorised Holden Dealer who has the specialised servicing equipment and trained personnel available to ensure that the adjustments and services specified are carried out.

HOW TO REDUCE FUEL CONSUMPTION

Engine

Maintain the engine in peak mechanical condition by having it serviced regularly in accordance with the Holden's Maintenance Schedule, refer page 12-5. This will ensure items such as the spark plugs, air cleaner, engine idle speed etc. are maintained for minimum fuel usage and peak engine performance.

Tyre pressure

Keep the tyres at the recommended pressures. Under-inflated tyres creates extra rolling resistance which contributes to increased fuel consumption, refer page 7-11.

Wheel alignment

Maintain correct front wheel alignment. Incorrect alignment makes the front wheels drag and increases fuel consumption.

Warm ups and idling

Avoid long engine warm ups. They are unnecessary and waste fuel. An engine takes approximately five minutes to reach its efficient operating temperature and it does this most effectively when driving.

You should also avoid long engine idling. If your have to wait for more than a couple of minutes turn off the engine to conserve fuel.

Accelerating, driving and braking

Accelerate gently - avoid rapid starts, sudden bursts of speed and full throttle acceleration - they're certain fuel wasters.

Drive the car at steady speeds where possible (after run-in). It is desirable to reach top gear as soon as possible, but under no circumstances should you force the engine to labour in top gear.

Riding the brake

Do not rest your foot on the brake pedal when you do not intend to brake, as this can overheat the brakes, increase brake pad wear, damage the brakes and waste fuel.

Air conditioning

Turn off the air conditioning, when not required.

Notes

CHAPTER 6

Emergencies

Page

6-2 Accident
6-3 Medical assistance
6-4 Hazard warning triangle
6-4 First aid kit
6-5 Air bag
6-6 Spare wheel location
6-7 Flat tyre
6-9 Towing a disabled car
6-9 Hazard warning flashers
6-10 Engine overheating
6-12 Flat battery
6-14 3800 (V6) engine belt
6-15 Fuses

ACCIDENTS

All motorists are advised to learn what to do at the scene of an accident, particularly where persons are injured. Injured people can choke to death if their air passages are not cleared. They can bleed to death unless the bleeding is stopped. They may require mouth-to mouth resuscitation or may have to be moved, even though badly injured. It is important that you understand how to avoid further damaging an injured neck or back or other broken limbs.

The following notes may help.

Part 1. Accident - being involved

If you are involved in an accident you are advised to do as follows:

Stop immediately and remember to turn off the engine and apply the park brake.

Remember that time is vital. Remain calm and alert. Think quickly and clearly.

Give all possible assistance to all injured persons (see Part 3. Medical assistance).

Send for police and ambulance if anyone has been injured. Send information as accurately as possible. Give the exact location, the number of injured people and a brief report on the overall situation.

Perhaps take charge of the situation.

Warn all other traffic approaching the scene. Turn off ignition switches. Stop any smoking near spilt petrol. In darkness, try and light up the area to warn others.

Clear the road of accident debris.

Exchange your name, address, car registration, owner's name and address with the other parties involved in the accident.

If damage to property only has occurred, report the facts to the owner of the damaged property or to his or her representative, to any police present at the scene or to the nearest Police Station.

Try to note all important facts because such details may be important if needed later.

Part 2. Accident - being a witness

If you witness a road accident or it becomes your task to stop and help at the scene of an accident, then:

- Keep in mind that an observant witness can prove most helpful. Some day you yourself might be very glad of help from a witness.
- DO NOT stop at the scene of an accident just to be a spectator.
- Where other people are already in attendance and giving assistance, you should stop only if you can contribute assistance.
- Give what assistance you can to any injured persons. (See Part 3. Medical assistance).
- Follow most of the steps suggested in Part 1. Perhaps you may have to take charge of the accident situation.

ACCIDENTS

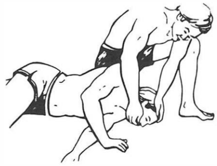
Part 3. Medical assistance

CAPRICE MODELS ARE SUPPLIED WITH A FIRST AID KIT, FITTED IN THE BOOT. SEE FOLLOWING PAGE FOR EXACT LOCATION.

Keep calm and think clearly.

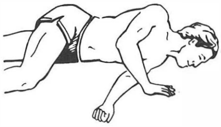
Your experience may not be much but do your best. Don't just stand by and let an injured person die.

- Look after the unconscious person first. Check for breathing. If no breathing, then check if air passages are clear, i.e. nose and mouth. Use your fingers to clear air passages if necessary. If the air way is clear then mouth-to-mouth resuscitation may be needed at once.



Unconscious people can choke.
Carefully turn to one side.
Tilt the head back slightly.
Wipe out the mouth with your finger to remove blood, vomit, broken teeth or dentures.

- You must be very careful when moving an injured person. It is best not to move at all, except if in danger, as serious and permanent damage can be done to an injured neck or back if not supported during movement. NEVER BEND A NECK OR BACK. KEEP THEM STRAIGHT. All injured limbs require support when an injured person has to be moved.
- Provided it is not dangerous to do so because of other injures, an unconscious person will do best in the position illustrated here.



Lay the person on one side and - if it will not aggravate any injuries - then:

Bend the uppermost knee until the thigh is at right angles to the body.

Bend the uppermost arm and elbow so that the hand lies near the face.

Gently pull the underneath arm so that it rests straight on the ground free of any body weight.

- Try to stop bleeding by applying direct pressure, using your hand, or by pressing torn flesh together. Use any clean cloth available. Fold cloths to make pads. If necessary press one pad on top of another. Keep pressure around edges of a wound BUT NEVER USE A TOURNIQUET.
- Shock may be treated by reassurance, relieving pain, controlling any bleeding and keeping the injured person warm but not hot. Best not to give any fluids and NEVER ALCOHOL.
- If the injured person is in danger and has to be moved, try and have three or four people help, concentrating on not bending the neck, spine and injured limbs. Keeping the neck and spine straight is most important.

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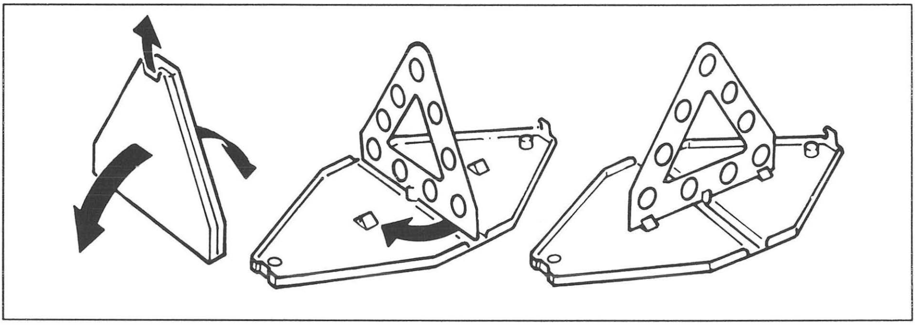
HAZARD WARNING TRIANGLE, FIRST AID KIT

Hazard warning triangle

The hazard triangle is tucked inside the spare wheel in the boot.

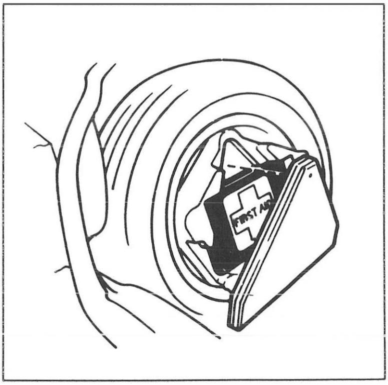
To use the triangle, open the clip and fold both halves of the base outwards until flat. Then, rotate triangle 90° and lock into the clips on the base.

It should be placed so as to give a warning to other drivers. The faster traffic is travelling the further back the triangle should be placed. In heavy winds it may be necessary to weight the base of the triangle with stones etc.



First aid kit (Caprice)

Caprice models are also supplied with a first aid kit - behind the triangle.

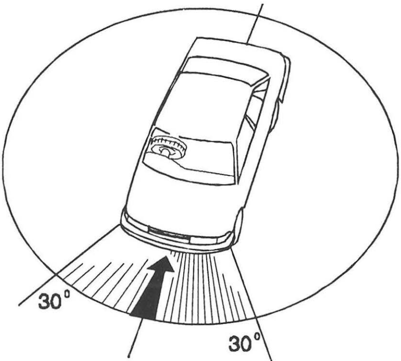


AIR BAG (Supplemental Restraint System) if fitted

The air bag is fitted under the horn pad in the steering wheel. If your car is involved in a severe front end collision, the air bag will momentarily inflate and deflate, assisting the safety belt to restrain the driver's forward movement.

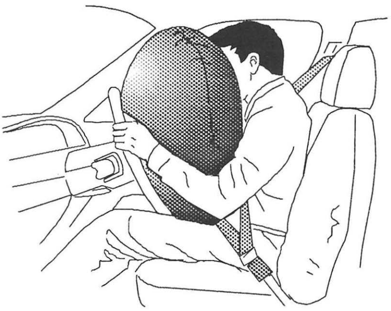
An AIR BAG warning light on the instrument panel will glow when the ignition is switched ON. This is to indicate that the air bag is operational. If the light *does not* show when the ignition is switched to ON, or if it illuminates when driving, you should contact your Holden Dealer.

The air bag assists, but does not replace the safety belt. The air bag will not inflate if the car is hit in the rear, is sideswiped or overturns.



Air bag will activate if car struck within the shaded section.

Seat belts (by Law) should be worn by all passengers whenever the car is moving. Air bags inflate with great force. If you are too close to an inflating air bag it could seriously injure you. Seat belts help keep you in position for air bag inflation in a crash.



When activated, an inflator rapidly fills the air bag. An operating noise may be heard and a small amount of smoke-like gas will be released. The gas is harmless and does not indicate malfunction or fire.

The air bag will then deflate again - the whole process only taking a moment.

After use the air bag system (steering wheel, steering column, air bag and sensor) will have to be replaced by your Holden Dealer.

The system should also be inspected by a Holden Dealer if the steering wheel is scratched, cracked or damaged. Remember that the horn pad must not be covered with adhesive or any other material, as this may hinder air bag operation.

Extensive design and testing has gone into the Holden air bag system. It is extremely reliable and has very little chance of accidental inflation. It should however, be treated with respect.

Any careless or unskilled interference with the system could lead to its failure or to accidental inflation. Any work to the steering column, steering wheel or air bag system should *only* be carried out by an authorised Holden Dealer.

BULL BAR NOTE: Fitting a "bull bar" (or making other modifications to the front of the car) may change the impact speed which would normally cause the air bag to inflate.

SPARE WHEEL & TOOLS

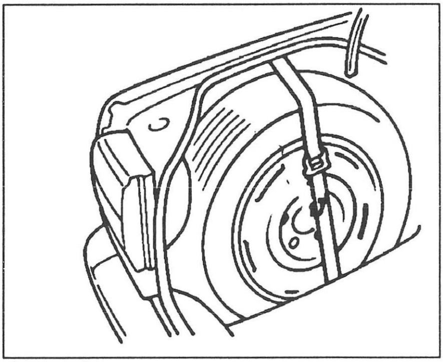
If using a jack other than the one supplied with the car, refer page 7-19 for lifting positions.

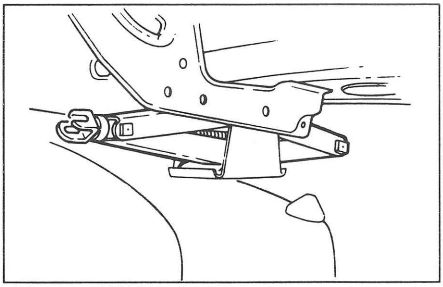
The spare wheel, jack, jack handle and wheel wrench are stored inside the boot.

The spare wheel, jack handle and wheel wrench are on the left side of the boot. Push strap buckle upwards to release.

The jack is stored under the parcel shelf, pointing towards you. Loosen the jack with the jack handle and pull the jack out towards you.

Note, when reinstalling the spare wheel, thread lower strap through buckle on upper strap, slip wheel wrench through loop, then tighten strap firmly by pulling the end of the strap downwards.



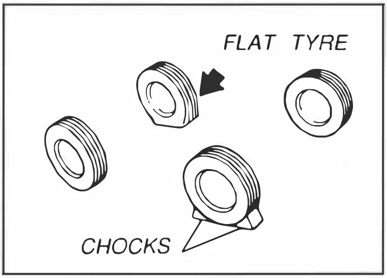


CAUTION:

- **Use the jack only for lifting the car when changing wheels.**
- **Never get beneath the car when it is only supported by the jack.**
- **Do not start or run the engine while the car is only supported by the jack.**
- **All passengers should be out of the car when it is being jacked.**
- **Use the jack only at the designated lifting points. Use in other locations can damage the car.**
- **The car should only be jacked on hard, level surfaces.**

FLAT TYRE

1. Park on level surface and set the park brake firmly.
2. Remove the ignition key and place transmissions in PARK.
3. Remove the jack, jack handle, wheel wrench and spare wheel (see previous pages).
4. Block the wheel diagonally opposite the flat tyre.

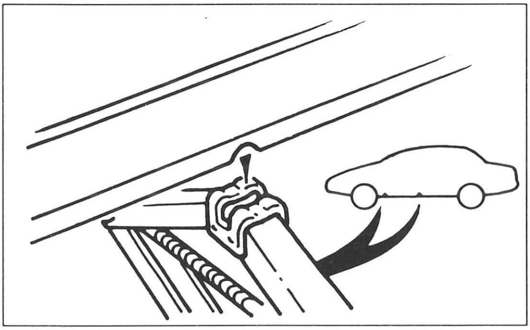


5. Remove the wheel trim by inserting the handle end of the wheel wrench between the wheel and the centre cap at the slots provided and gently lever off.
6. Loosen, but do not remove, wheel nuts by turning wheel wrench anticlockwise.
7. Place jack below the jack location nearest the wheel to be changed.

   There are four jack locations, two each side of the car. The location for the jack is marked by half circle cut outs.

   The jacking location is half way along the car, when changing a rear wheel.

   Note, always read the label on the jack for your car.



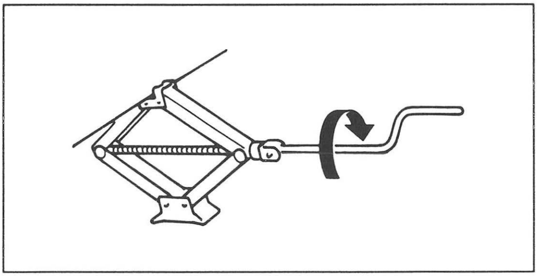
CAUTION:

Failure to position the jack as described above could result in serious personal injury or car damage caused by the car slipping off the jack.

FLAT TYRE

8. Raise the jack to engage the "U" shaped lifting foot of the jack over the underbody flange at the jack location.

   Ensure that the jack is not tilted and that the base is resting squarely on the ground.



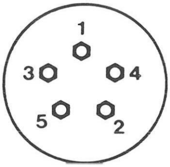
9. Raise the car until the tyre is clear of the ground. Remove the wheel nuts and place (together) in a dry spot to avoid getting dirt in the threads.

10. Remove the wheel from the car and change it over with the spare.

11. Replace the wheel nuts and tighten by hand. Then, with the wheel wrench, lightly tighten in the sequence shown.

12. Lower the car completely and remove the jack.

13. Fully tighten the wheel nuts with the wheel wrench in the sequence shown above.



14. Replace the wheel trim. Note the two notches on the underside of the cap. These must be lined up with the same slot provided for removing the wheel trim. Push on by hand.

15. Stow the jack, jack handle, wheel wrench and flat tyre as shown on earlier pages.

CAUTION:

As soon as possible after changing a wheel, you should have the wheel nuts tightened with a torque wrench to 100~125 Nm.

Wheel nuts should be tightened evenly to the correct torque in the sequence shown, as improperly tightened wheel nuts could eventually allow the wheel to come off while the car is moving!

TOWING A DISABLED CAR

Towing a disabled car

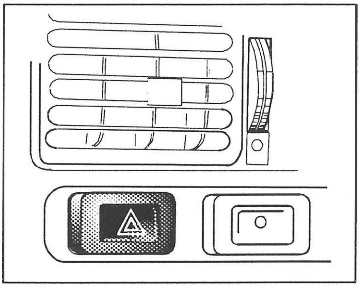
Proper lifting or towing equipment is necessary when lifting or towing the car to prevent damage. Country, State and Local laws must be followed. In an emergency, your car may be towed on all four wheels in the following manner:

- Fit the towing equipment to one of the towing eyes on the front subframe below the front bumper. Do not attach to the bumpers or brackets.
- Place transmission in neutral position and release the park brake.
- Switch the ignition key to "ACC" position. This will free the steering lock and allow the correct operation of windscreen wipers and turn signals.
- For the sake of safety and to prevent damage to the car it is advisable to avoid jerky movements and to drive slowly during towing operations.
- Remember that *power assist* for brakes and power steering will not be available when the engine is off. The brakes and steering will still function, but will take greater effort.
- To prevent exhaust fumes from the towing car entering into the towed car, close the windows and move heating and ventilation controls to "re-circulate" position.
- Cars fitted with automatic transmissions must not be towed for more than 55 km or at over 55 km/h unless the propeller shaft is removed.
- Cars with damaged transmissions must not be towed unless the propeller shaft is removed.
- Only the driver should be in a towed car.

Hazard warning flasher

Use the hazard warning flasher to warn other drivers any time your car becomes a traffic hazard, day or night. Avoid stopping on the roadway if possible.

- Turn on the hazard warning flasher by pushing the switch in the centre of the dash. The arrow symbols on the instrument panel will both flash simultaneously and all external signal lights will flash continuously.



ENGINE OVERHEATING

CAUTION:
If the engine should overheat, as indicated by the temperature gauge reading or if you suspect there is a serious overheat condition immediate action is required. Continued operation of the engine EVEN FOR A SHORT TIME could result in a fire and the possibility of personal injury and/or severe car damage.

If the coolant temperature gauge needle should move to the 'H' position and remain there for more than 30 seconds, pull out of the traffic as soon as it is safe to do so and stop the car. Leave the engine idling for a few minutes, whilst you step out of the car to check that the cooling fan is working.

CAUTION:
Do not open the bonnet if you can see or hear steam or coolant escaping from the engine compartment. Wait until no steam or coolant can be seen or heard before opening the bonnet.

If the fan is working and the temperature gauge needle has not returned to its normal position within this time then STOP the engine, turn the ignition key to OFF and proceed as follows.

Look for leaks at the radiator hoses and connections, heater hoses and connections, radiator and water pump. Take care when checking all these areas as they will probably still be hot.

If you find a major leak or find other problems that may have caused the engine to overheat, do not run the engine until these problems have been corrected.

If you do not find anything wrong then you should check the engine coolant level.

CAUTION:
Do not remove the cooling system caps if the engine and radiator are still hot. Scalding fluid and steam can be blown out under pressure which could cause serious burns.

When the engine has cooled sufficiently, check the engine coolant level as follows:

ENGINE OVERHEATING

First, remove the radiator cap - cover the cap with a thick cloth, and turn slowly anticlockwise (without pressing down) until it reaches a “stop”. This is the pressure relief stop, which will allow any remaining pressure (indicated by a hissing sound) to escape. Then press down on the cap and continue turning it anticlockwise until it can be removed.

Second, remove the plastic coolant tank cap.

With the radiator cap OFF, top up the plastic coolant tank if required, refer page 7-3 if unsure of location. Remember to ensure cap is secure after filling. Then, WHILE THE ENGINE IS IDLING, top up the radiator (if required) and replace the radiator cap.

After taking one or more of the above actions, and once the temperature gauge no longer signals an overheat condition you can resume driving at a reduced speed. Return to normal driving after ten minutes if the temperature gauge does not again show an overheat condition.

If overheating occurs again you should have the car attended to, as soon as possible, by a qualified mechanic. NOTE: The engine may temporarily operate at high temperature during more demanding operating conditions, especially on very hot days. These conditions include:

- climbing a long hill
- stopping immediately after high speed driving
- idling for long periods in traffic
- towing a heavily laden trailer or caravan.

You should avoid operating your car for prolonged periods in any of the above circumstances if the temperature gauge indicates high engine coolant temperature. It may also be an advantage to turn off the air conditioner in these circumstances.

Refer to page 7-6 which gives maintenance instructions to help protect your cooling system from overheating.

FLAT BATTERY

If after reading the following procedure you are still unsure about "jump starting" we strongly recommend for your safety and that of your car that you leave the starting to a competent mechanic.

Jump starting

CAUTION:

- **Batteries produce explosive gases, contain corrosive acids and supply levels of electrical current high enough to cause burns. Therefore, when working near a battery:**
- **Do not use open flames or sparks near the battery. Battery action generates hydrogen gas which is flammable and explosive.**
- **Do not smoke near a battery.**
- **Wear eye protection such as safety glasses and avoid leaning over the battery.**
- **Battery acid is corrosive. If it gets on your skin, wash with lots of water immediately. If it gets in your eyes you should not only wash with lots of water but should also seek medical help. Battery acid will also damage paint and fabrics if not washed off immediately.**
- **Be sure any batteries that have filler caps are properly filled with fluid.**
- **Remove rings, metal watch bands and other metal jewellery before working around the battery.**
- **Carefully follow each step in the jump starting procedures.**
- **Never use a quick charger to start your engine.**
- **If you have a telephone fitted to your car, you should remove the fuse for the telephone before jump starting. Remember to reinstall the fuse afterwards.**

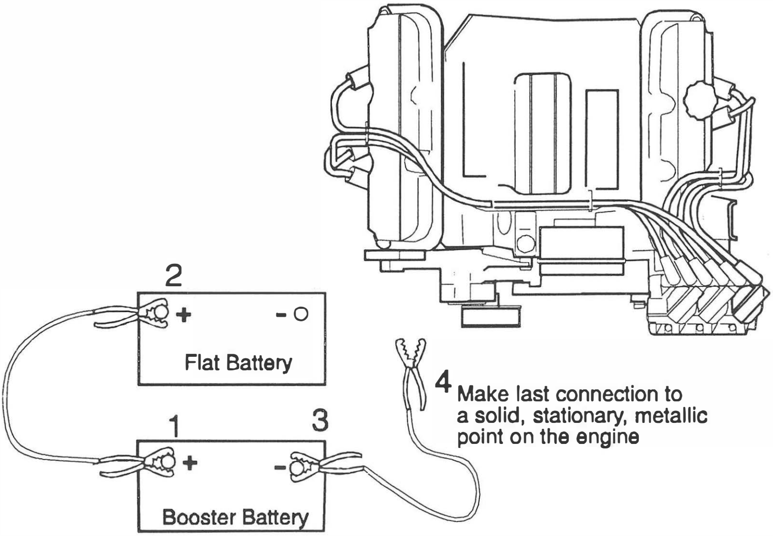
---

1. The battery of your car has a negative earth and a 12 volt rating. The battery in the other car (that is being used to jump start the flat battery) must be the same voltage and also have a negative earth. So, check the specifications in the other car's owner manual to see if it complies. Serious injury or damage can result if the wrong type of battery is used.

2. Position the two cars so that they are NOT touching and apply the park brakes. Automatic transmissions are to be placed in PARK and manual transmissions placed in NEUTRAL. Turn off ignition and all lights and accessories in both cars, except the hazard warning flasher or any lights needed for the work area.

FLAT BATTERY

3. Attach one end of the RED jumper cable to the positive terminal of the other car's battery (identified by a red colour, + or P on the battery case or terminal) and the other end of the RED cable to the positive terminal of your car's battery.


2
+
- o
Flat Battery
1
3
+
-
Booster Battery
4 Make last connection to a solid, stationary, metallic point on the engine

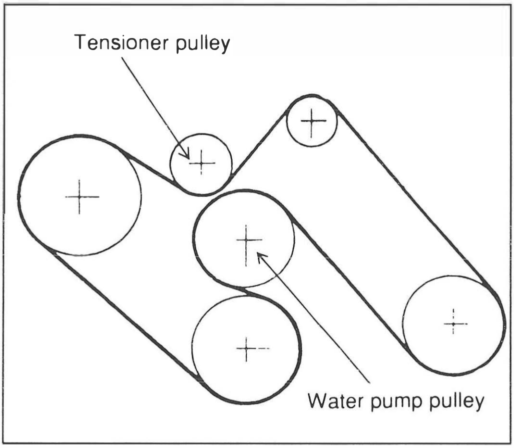
4. Attach one end of the BLACK jumper cable to the negative terminal of the other car's battery (identified by a black colour, - or N on the battery case or terminal) and the other end of the BLACK cable to a solid stationary, metallic point on your car's engine. DO NOT CONNECT DIRECTLY TO NEGATIVE TERMINAL OF YOUR CAR'S BATTERY.
5. When making all connections take care that the clamps from one cable do not inadvertently touch the clamps on the other cable. Also, ensure that jumper cables are not on or near pulleys, fans or other points that will move when the engine is started.
6. Start the engine in the other car and run the engine at a moderate speed. Then start the engine in your car.
7. When the engine starts, leave it running while removing the jumper cables - in the exact reverse order they were installed. While removing each clamp, take care that it does not touch any other metal while the other end remains attached.

Note that your radio may be inoperative after jump starting, due to security being triggered. Input of your Personal Identification Number is required, refer page 1-13.

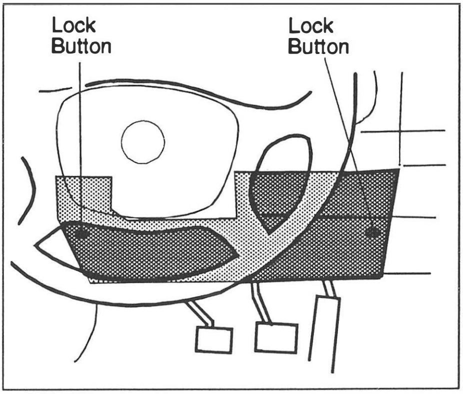
6 CYLINDER ENGINE BELT

If the 6 cylinder engine accessory drive belt is broken, replacement is as follows:

- Feed the belt over the pulleys as shown - except for the water pump pulley. Ensure the belt is correctly installed over the pulleys before proceeding.
- Put an 18 mm ring spanner over the bolt in the centre of the tensioner pulley. Use the spanner to move the spring loaded tensioner pulley upwards.
- Feed the belt around the water pump pulley. Release the spanner slowly.
- Remove the spanner. The belt will automatically adjust when the engine is started.



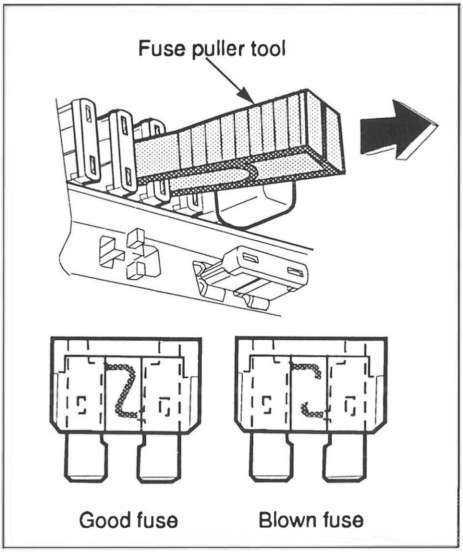
FUSES



The main fuse panel is in the instrument panel, on the lower, right side of the steering column. To gain access to the fuses, undo the panel under the steering column.

Undo the two lock buttons (on either side of the steering column) a quarter of a turn with a screwdriver, then pull the hinged fuse panel down to reveal the fuses.

The separate, fuse/relay box is located in the engine compartment, refer page 7-3 for location. Access to the fuses is gained by removing the snap on cover. Ensure that the cover fits over the splash guard tray securely.



Both covers have diagrams showing the layout of the fuses and the amperage required.

Fuses used are of the blade type with the amperage values moulded into the head. To determine whether or not a fuse is "blown", it is necessary to pull out the suspect fuse and examine the element in the fuse. A fuse puller is provided under the fuse panel cover, inside the car.

If the element is broken (see illustration), replace the fuse with one of the same amperage value.

If after replacing a burnt-out fuse the new fuse also burns out, this indicates that the fuse is still overloaded. The cause of the fault should be located and rectified, preferably by a Holden Dealer.

Ensure that the fuse cover, either inside the car, or under the bonnet, is securely in place. Note that when replacing the two lock buttons (on the fuse panel cover inside the car) first ensure the slit in the button is positioned *vertically,* before pushing the lock button home.

CAUTION:

When replacing a fuse be sure to use a fuse of the specified amperage. Never install a wire or similar device to replace a fuse as it could damage electrical components and may cause a fire hazard to your car.

Notes

CHAPTER 7

Weekly checks

Page

7-2 Miscellaneous checks
7-2 Service manuals
7-2 Seat belts
7-3 Check locations
7-4 Engine oil level check
7-5 Engine oil consumption notes
7-6 Engine coolant level check
7-7 Auto. trans. fluid level check
7-8 Washer fluid level check
7-9 Brake fluid level check
7-10 Power steering fluid level check
7-11 Tyre air pressure
7-12 Tyres (general)
7-14 Battery
7-15 Bulb replacement
7-19 Trolley jack locations

MISCELLANEOUS CHECKS

As well as taking your car to be serviced (refer Chapter 12) there are a few simple, weekly checks that the owner (or Nominee) is required to make. These are shown on the following pages.

1. Fuse box (in case of blown fuse) .... page 6-15
2. Engine coolant .... page 7-6
3. Windscreen washer fluid .... page 7-8
4. Brake fluid .... page 7-9
5. Automatic transmission dipstick .... page 7-7
6. Engine oil cap .... page 7-4
7. Engine oil dipstick .... page 7-4
8. Battery .... page 7-14
9. Power steering fluid .... page 7-10

The locations of these parts are shown on the facing page. The following checks should also be regularly carried out to ensure proper safety and dependability of your car.

- that all exterior lights are working and that their appropriate interior indicators light up when in operation.
- mirrors and glass are clean and not scratched.
- automatic transmission T-bar indicator correctly lines up next to the gear selected.
- the aim of water on the windscreen or tailgate and condition of the wipers
- demister operates.
- horn works
- all seat belt condition and operation and check that buckles are clean and operating correctly. Remember that seat belts must never be worn twisted.

Service manuals

General Motors-Holden's Automotive Limited also publishes various service manuals which are available from your Dealer.

Maintenance of seat belts

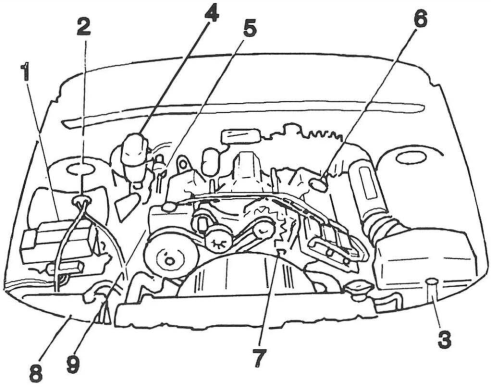
Check seat belt condition and operation regularly...give it a sharp tug to make sure that it will 'lock' if necessary and check that buckles are clean and operating correctly. Remember that seat belts must never be worn twisted. Replace the belts if they become frayed or damaged. The buckle and retractor mechanism operations should also be checked. Your Holden Dealer will regularly do these things as part of the scheduled maintenance plan, refer page 12-7. Clean belts only with a solution of mild soap and lukewarm water. Never use bleach.

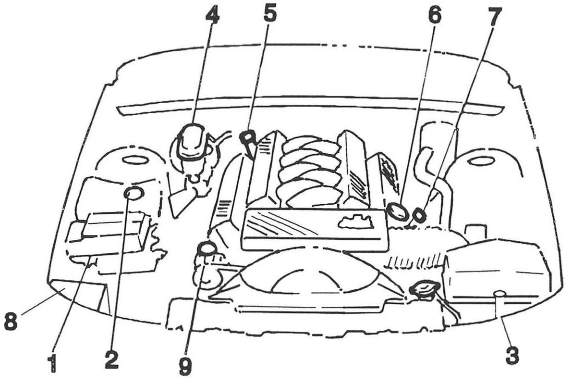
Caution:

Seat belts must be replaced if they have been in use during a severe impact - even if there is no obvious damage.

CHECK LOCATIONS

3800 (V6)
engine





5000 (V8)
engine

ENGINE OIL LEVEL

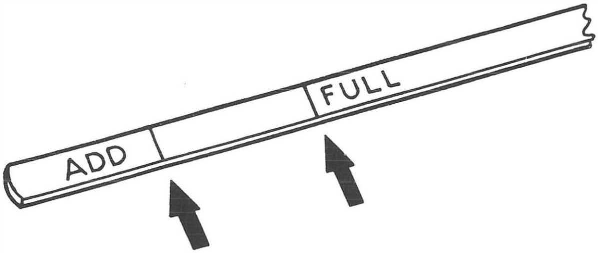
It is the owner's responsibility to check the oil level weekly. The best time to check the engine oil level is when the oil is warm, such as during a refuelling stop.

To check the oil level accurately, the car must be on level ground. After stopping the engine, wait a few minutes for the oil to settle.

The level is checked from the dipstick. Refer to the diagram on page 7-3 for location.

Remove the dipstick and wipe it clean with a clean cloth or paper. Insert the dipstick firmly all the way down, pause for a second then withdraw the dipstick and look at the oil level on it.

The oil level should be maintained between the two marks, neither going above the FULL mark nor under the ADD mark. Remember to re-insert the dipstick firmly after taking the reading.



If you need to add oil, use SG or SH grade engine oil 20W/50 (or 15W/40 for prolonged use in snow areas). To add oil, turn the oil cap (refer page 7-3 for location) anticlockwise and remove. Pour the required oil into the opening. Wait a few minutes for the oil to settle. Then check the oil level with the dipstick again. If still too low, add more oil.

When correct, screw the cap back on tightly and replace the dipstick. If you check the oil level when the oil is cold do not run the engine first. The cold oil will not drain back into the oil pan fast enough to give a true oil level reading.

NOTE: Non-detergent and other low quality oils are specifically not recommended. The use of break-in oil, tune up compounds, friction reducing compounds and other supplemental additives are not recommended; their use will not only increase operating costs, but may be detrimental to the operation of your car.

ENGINE OIL CONSUMPTION

Every internal combustion engine uses a certain amount of oil, especially during the running-in period. Your engine is dependant on oil to lubricate the cylinder walls, pistons, rings and valve stems. A thin film of oil is left on the cylinder walls, some of which is carried into the combustion chamber and burnt during the combustion process. This also applies to the film of oil on the valve stems which is drawn into the combustion chamber and burnt.

There are several other factors that contribute to the rate of oil consumption in your engine, apart from mechanical malfunctions such as worn pistons, rings, valve stems and guides. These factors are: the way in which the car is operated, the quality and grade of oil, the oil level, and dilution of the oil.

★ OPERATION OF THE CAR

Sustained high engine speeds will increase oil consumption because higher speeds increase engine temperature which lowers oil viscosity thus allowing more oil to reach the combustion chamber. Towing a heavy load will also result in increased oil consumption due to increased engine temperature and hence lower oil viscosity.

★ QUALITY AND GRADE OF OIL

Oil viscosity is a significant factor in oil consumption, therefore if you use an oil which is too "thin" (low viscosity) your oil consumption will increase. Use only the recommended grades of oil.

★ OIL LEVEL

Maintaining a proper oil level is also an important factor in controlling oil consumption. An over full crankcase allows the reciprocating parts of an engine to splash oil onto the cylinder walls in quantities greater than the piston rings can control. This excess oil will be drawn into the combustion chamber and burnt, or may result in aeration of oil in the sump causing damage to the engine.

★ DILUTION

Probably the most prevalent complaint of oil consumption comes from the motorist whose car is frequently driven at below normal operating temperatures. The oil becomes diluted by fuel and moisture which settles in the oil pan and may even raise the oil level creating a false reading on the oil level dipstick. For example, in a car that has accumulated 1,500 km of short distance or intermittent city operation and has consumed a normal amount of oil, the level may not have dropped from the FULL mark, due to dilution. If this car is driven for some distance at highway speeds on a warm day, the dilution elements evaporate, lowering the oil level and the motorist assumes the oil "lost" has been consumed in the highway operation.

If, after taking into account the above factors you are still concerned that your engine has excessive oil consumption then you should discuss the situation with a Holden Dealer. Remember that an engine's oil consumption should not be judged until it has run at least 7,000 km.

ENGINE COOLANT LEVEL

The level of coolant should be checked at least weekly. This is simply a matter of looking at the level in the plastic coolant tank, refer page 7-3 for location.

When the engine is cold the coolant level should be at or above the *MINIMUM* mark on the plastic coolant tank.

After the car has been driven and the engine is at normal operating temperature, the level should be somewhere between half full and the *MAXIMUM* mark.

The LONG LIFE COOLANT in your car conforms to Holden's specification number HN 2043. This can be purchased as:

M40236 (1 litre) M40307 (5 litres) M40238 (20 litres)

If the plastic coolant tank requires topping up, first pre-mix a solution of 50% LONG LIFE COOLANT and 50% water. Undo the cap on the top of the plastic coolant tank, add the pre-mixed solution and secure the cap.

Failure to use the specific Holden's coolant or maintain the specified concentration may result in voiding your warranty.

In emergency situations, plain water may be used temporarily in the cooling system until the correct Holden's long life coolant is obtained as soon as possible from the nearest Holden Dealer.

It should be noted that the specified long life coolant contains special corrosion inhibitors for the best corrosion protection of your engine and cooling system. This long life coolant also gives your cooling system greater hot weather protection by increasing the boiling point of the coolant and in addition provides protection in cold weather, down to -37°C, provided the correct concentration is maintained.

If you regularly have to top up the cooling system you should see your Holden Dealer for a cooling system check.

CAUTION:

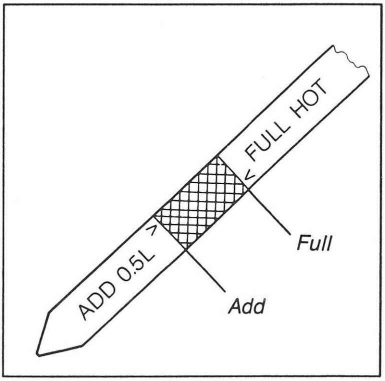
Corrosion inhibitors and antifreeze fluids are poisonous. Use extreme care when handling. If swallowed seek medical attention.

Do not remove the radiator cap or plastic coolant tank cap if the engine and radiator are still hot. Scalding fluid and steam can be blown out under pressure which could cause serious burns.

Refer to page 6-10 if engine overheats.

AUTOMATIC TRANSMISSION LEVEL

If your car has an automatic transmission the fluid level should be checked monthly, by looking at the fluid level on the dipstick. Refer to the diagram on page 7-3 for location. Dirt in the transmission can cause breakdowns, so be careful when checking or adding fluid.

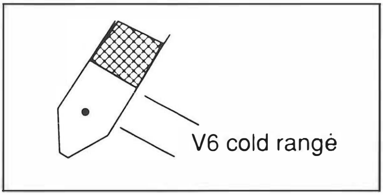


The fluid should be checked after the car has been driven for at least 20 kilometres - so that the fluid is warm.

The car must be standing on level ground with the engine running.

The gear shift selector should be in PARK and the park brake applied.

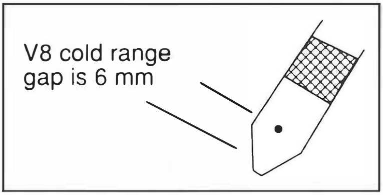
Remove the dipstick, wipe it clean with a clean cloth or paper and re-insert it fully. Now remove it again and read the fluid level.



If the level is below the Add mark, add fluid until the level is between the Full and Add marks.

The level should NEVER read over the FULL HOT mark, so be careful not to add too much.

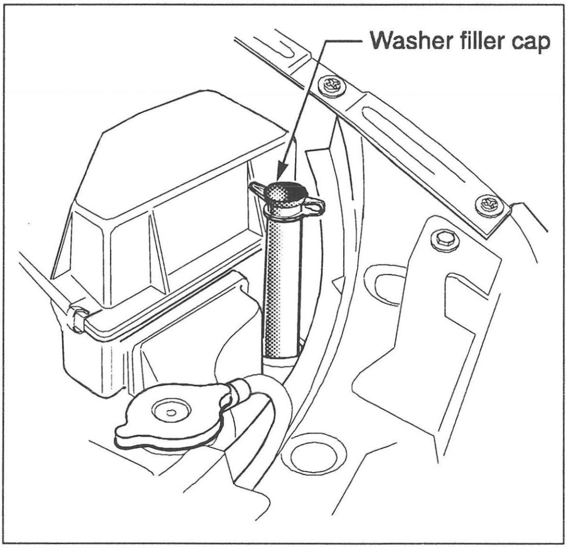
If adding fluid, use only DEXRON®III AUTOMATIC TRANSMISSION FLUID. Add the fluid in the dipstick tube (the same opening as the dipstick is stored in) and wait one minute for the oil to settle. Again check the level with the dipstick and add further fluid if necessary. Remember to always replace the dipstick.



NOTE: If fluid has to be added often, there may be a problem or leak - and you should see your Holden Dealer.

NOTE: The cold markings on the dipstick should only be used when initially filling the transmission after the fluid has been completely drained. When checking "cold", start the engine and move the T-bar through the selector range and back to PARK. Let the engine idle for 3 minutes in PARK and then check the fluid level using the cold markings on the dipstick. The cold level check is strictly temporary. Therefore a final check, using the hot method described previously should be done after the car has been driven for at least 20 kilometres.

WASHER FLUID LEVEL



The bottle shown supplies water to the front washers.

As washer fluid is constantly used the fluid level should be checked weekly and topped up, to capacity, as required.

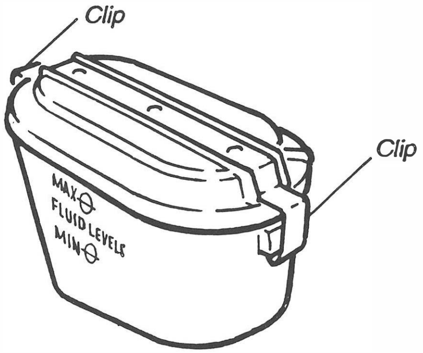
A blue float inside the washer bottle makes the fluid level easy to read from the outside.

For a crystal clear windscreen, the correct amount of Optikleen (part number M39826) can be added. Do not use ordinary soap or detergent as these not only froth up but will also damage the wiper rubbers.

Make sure the cap is secured.

BRAKE FLUID LEVEL

The brake fluid level in the master cylinder should be checked regularly in conjunction with checking the oil and coolant levels. The fluid level, visible through the "see through" master cylinder (see page 7-3 for location) should be maintained between the MIN and MAX level markings. If the fluid is between these levels do not remove the master cylinder cap. Remember that brake fluid exposed to the atmosphere will quickly absorb moisture which in turn lowers the boiling point of the fluid as well as increasing risk of corrosion of brake components.



If fluid needs to be added, first wipe clean the sides of the top cover. Then, unclip and lift off the top cover. Top up with heavy duty brake fluid which meets Holden's specification number HN 1796. This can be purchased as Holden's part number 92026651. Remember to secure the cap at each end.

Note: Use only new brake fluid. Use of an old, used or inferior brake fluid may endanger the functioning of the brake system.

If the master cylinder requires constant topping up it could indicate that a malfunction exists, in which case it should immediately be brought to the attention of your Holden Dealer.

POWER STEERING FLUID LEVEL

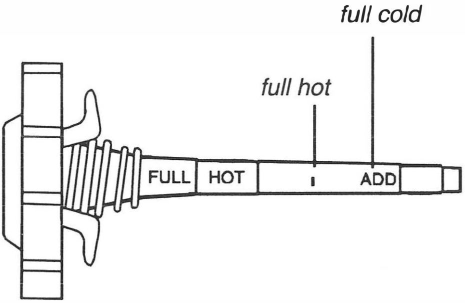
The level should be checked after the car has been driven for a while, so that the fluid is warm. A convenient time to do this is when stopping for petrol.

If fluid needs to be added, use DEXRON® III. Do not over fill. Remember to replace the cap tightly. If you often need to add fluid, you should see your Holden Dealer to have the power steering system checked.

Refer page 7-3 for location of the reservoir. Unscrew and carefully remove the cap on top of the reservoir. The dipstick is attached to the cap.

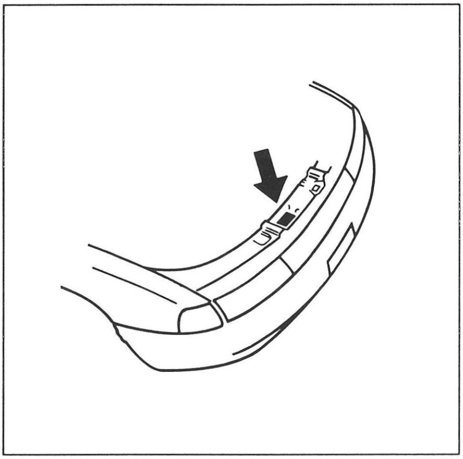
The fluid level should be maintained at or below the HOT mark.

If checking the level when the car has not been driven for a while, then the level should be at or below the COLD mark.



TYRES

Tyre air pressure



Checking the air pressure of your tyres (including the spare) ensures your safety, as well as reducing fuel consumption and increasing the life of your tyres.

Make sure your car will handle at it's best - check the pressures weekly. For constant long distance or rough road travelling, daily checking is recommended.

For correct pressure for your tyres, refer to the tyre placard on your car. This is located under the bonnet (on the radiator support panel).

Tyre inflation pressure increases when the tyres have been driven more than 2 km. The pressure should be checked when the tyres are cold (stationary for over 3 hours). If they must be checked when warm/ hot, allow pressure to read 10% above that recommended.

Always use a tyre pressure gauge to check the tyres - simply looking at the tyres is not sufficient.

Remember to put back any valve dust caps or extensions, if so equipped. This stops dirt and moisture from fouling the valves.

When checking the tyre air pressure, take a look at the condition of the tyre tread and inspect for stones or abnormal wear.

To maximise the protection of tyres on cars operating for prolonged times over rough roads (particularly in outback conditions) it is recommended that the cold tyre inflation pressure recommended for maximum load condition as shown on the tyre placard is used.

Alignment and balance

Improper wheel alignment can cause the tyres to wear faster and to wear unevenly. It can also cause the car to "pull" to the left or right.

Out-of-balance wheels and tyres can cause annoying vibration and uneven tyre wear such as cupping and flat spots.

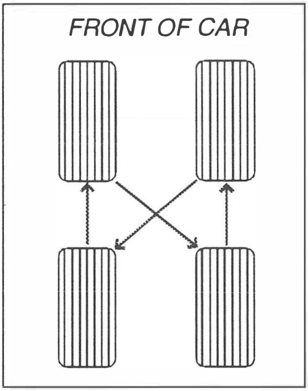
If you have any reason to suspect that either of the above problems exists then have a wheel alignment and balance check carried out by your Holden Dealer.

TYRES

Tyre inspection and rotation

Front and rear tyres perform different jobs and can wear differently depending on the types of roads driven, your driving habits, wheel alignment and balance, tyre pressures etc.

Tyre condition will be checked for you when you take your car to be serviced by your Holden Dealer, who will be able to diagnose any unusual signs of wear. If the tyres are rotated it is recommended that the balance be checked at the same time.



Heavy treads

Caution must be exercised when using tyres with heavy treads, including tyres designed to gain traction in bad weather conditions. At sustained high speeds, this type of tyre will run at higher temperatures than standard tyres and consequently should only be operated within the limits recommended by the manufacturer.

Any doubts concerning the fitness of the tyres on your car for the purpose you require should be referred to your Holden Dealer.

Wheel replacement

When replacing wheels for any reason, ensure that the new wheels are equivalent in diameter, rim width, offset and mounting configuration to those originally installed in your car.

NOTE: Replacing your factory fitted wheels and tyres with non specified wheels and tyres may affect your warranty as well as your motor car insurance policy.

Tyre traction

CAUTION:

A decrease in driving, cornering and braking traction occurs when water, snow, ice, gravel or other material is on the road surface. Driving practises and car speed should be adjusted to the road conditions.

When driving on wet or slushy roads, it is possible for a wedge of water to build up between the tyre and road surface. This phenomenon, known as hydroplaning, may cause partial or complete loss of traction, which adversely affects car control and stopping ability. To reduce the possibility of traction loss, the following precautions should be observed.

1. Reduce speeds during rainstorms, when roads are slushy or if the road has standing water or puddles.
2. Replace tyres when tread wear indicators are visible.
3. Check that tyres are properly inflated.

TYRES

Tyre replacement and repair

CAUTION:

Do not mix different tyre construction types, such as radial and cross ply, on your car except in emergencies, because your car's handling could be affected and may result in loss of control.

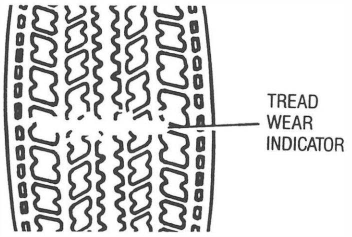
When replacing tyres you should use the same size, load rating and construction type as the original tyres on your car. Refer to tyre placard on your car for tyre size and load rating. Using a different size or type of tyre may affect such things as ride, handling, speedometer/odometer calibration, car ground clearance and tyre or tyre chain clearance to the body or chassis.

Tyres with a higher speed rating and/or maximum load rating in excess of that listed are also acceptable as replacements provided they are fitted to a suitable rim size.

New tyres should be fitted in pairs to the front. If replacing only one tyre, it should be paired on the same axle with the least worn of the other three.

You should replace your tyres when:

1. The tyres are worn to the point where the tread indicators appear, or the cord or fabric is showing. The original equipment tyres fitted to your car incorporate built-in tread wear indicators. When only 1.5 mm of tread remains, these indicators show as plain bars across the tread pattern at regular intervals around the tyre. In the interest of safety, replacement should not be delayed.



2. The tread or sidewall is cut, split, or cracked deep enough to expose the cord or fabric.
3. The tyre has a bump or bulge in it, indicating some kind of internal damage.
4. The tyre has a puncture, cut or other damage which can't be repaired because of the size or location of the damage.

If in doubt about the extent of damage to the tyre have it removed from the wheel and examined by a tyre specialist.

If a pressure loss occurs while driving, do not attempt to drive on the deflated tyre more than is necessary to stop safely. Driving even a short distance on a deflated tyre can damage it and the wheel beyond repair.

When an object which has punctured the tyre is removed, repairs are to be made in accordance with the tyre manufacture's recommendations.

CAUTION:

Tyres which have been repaired or retreaded will not be able to be operated safely at high speeds. Therefore, their use is not recommended.

BATTERY

The fluid level of the battery will be checked for you when you take your car to be serviced by your Holden Dealer. If your car is operated in hot temperatures or at constant high speed, the battery fluid level should be checked at least twice between the 6 month Dealer Service.

CAUTION:
Batteries emit an explosive gas mixture which may be ignited by sparks or naked flames. You should therefore keep sparks and flames away from the battery at all times. Never smoke near a battery.

Batteries contain sulphuric acid. If acid contacts skin or clothing, flush immediately with a lot of water. In case of eye contact, flush with a lot of water and contact a doctor immediately.

Take care with all metal objects and tools including items you may wear (e.g. jewellery, ring and metal watch bands) near battery terminals. Metal objects that touch battery terminals can cause sparks and serious heat burns to the user or wearer.

When checking the battery level, make sure the engine is not running. Each of the six cells must be individually checked. Use distilled water, as required, to keep the level just below the bottom of each split tube. DO NOT OVER FILL.

Refer page 6-12 for emergency starting when the battery is flat.

Battery replacement

Low maintenance, 12 volt

- 3800 (V6) engine = Holden's AMF500 95 min /400 amp.
- 5000 Injection (V8) engine = Holden's SP400D 95 min /400 amp.

Car storage

The battery is recharged by the generator when the engine is running. If the engine is not run for approximately 5 weeks the battery will discharge, due to the power required by the security system etc. If the battery is disconnected it will discharge anyway after approximately 12 weeks.

If you do disconnect the battery when leaving the vehicle for a long period of time it is recommended that the battery be "trickle fed" before replacing it in the car.

BULB REPLACEMENT

Headlights (60/55 watts)

Do not touch bulbs or reflectors with bare hands. Greasy fingers will cause stains which evaporate - eventually resulting in a dull reflector. Grease spots on Halogen bulbs will, within a short time lead to bulb failures. Inadvertently stained bulbs may be cleaned with tissue paper, or a clean, non-fuzzy cloth, using alcohol or white spirits.

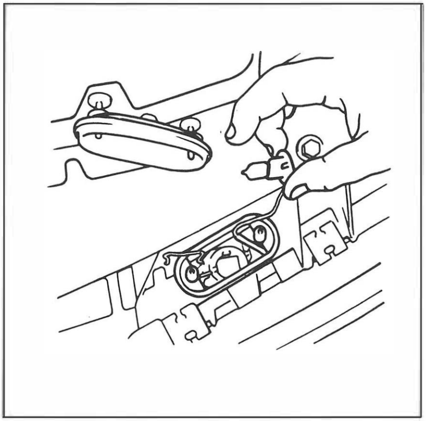
1. Open bonnet. Turn dust cap anticlockwise and remove from rear of headlight assembly.
2. Pull off wiring harness connector from rear of bulb.
3. Unclip spring retainer and pivot clear of bulb, then remove bulb.
4. Refit new bulb into place, refit spring retainer, wiring harness connector and dust cap (ensuring rubber "o" ring is in place). Ensure bulb is seated correctly in reflector.
5. Re-aim headlights. Detailed procedures for headlight aiming are given in the relevant service manual for your car. However, because headlight aiming is a safety item it is recommended that you have it carried out by your Holden Dealer.

Front park lights (5 watts)

1. Open bonnet. Twist to release bulb holder from behind park light.
2. Lightly depress bulb and remove in a twisting motion out of the holder.
3. Insert new bulb and reinstall bulb holder.

Inboard high beam (55 watts)

1. Open the bonnet. Located on the top of the headlight housing is a dust cap, secured by two screws. Remove the two screws and the dust cap.
2. Disconnect spring retainer and pivot clear of bulb.
3. Pull bulb out far enough to expose electrical lead connector.
4. Disconnect connector and remove bulb assembly.
5. Connect new bulb and electrical lead, install bulb assembly into correct locating notches, re-connect spring retainer. Refit dust cap, ensuring rubber "o" ring is in place.



BULB REPLACEMENT

Front turn signal (21 watts)

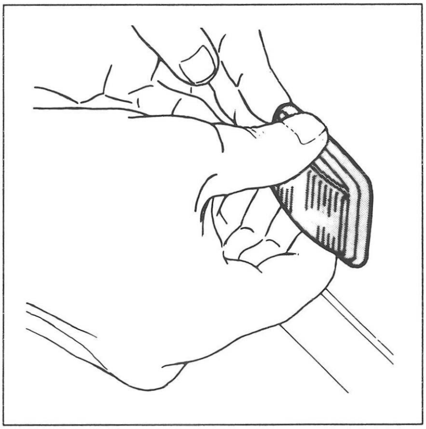
1. From underneath the bumper bar, twist to remove bulb holder from behind turn signal.
2. Lightly depress bulb and remove in a twisting motion out of the holder.
3. Insert new bulb and reinstall bulb holder.

Side turn signal (5 watts)

The lens housing is removed by hand. Grasp the lens housing at the rear, push forwards and then pull away from the car body. Separate the bulb holder from the lens assembly by first rotating the bulb holder anticlockwise.

The bulb pulls straight out of the bulb holder. Insert new bulb into bulb holder. Install bulb holder into lens housing. Note that bulb holder only fits into lens housing in one way. Therefore, keep turning bulb holder clockwise until it fits into place and can be tightened.

When re-inserting the lens housing, first locate the front of the lens into the fender opening before pushing the rear of the lens in towards the car body.



Reverse (21 w)

1. Open boot lid. Twist to release bulb holder from behind reverse light assembly.
2. Lightly depress bulb and remove in a twisting motion out of the holder.
3. Insert new bulb and reinstall bulb holder.

Rear turn signal (21 w), stop/tail (21/5 w)

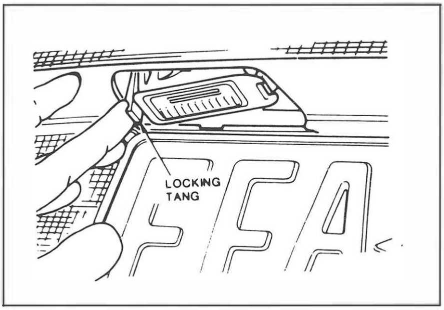
1. Open boot and remove carpet retainer and pull carpet away from the rear of the lights.
2. From inside the boot, remove the appropriate bulb socket by and twisting.
2. Depress bulb and rotate to remove from bulb socket.
3. Insert new bulb into bulb socket, and reinstall bulb socket.

BULB REPLACEMENT

Number plate (5 watts)

The two number plate bulbs are above the number plate. Open the boot. Push in the tab at the left of the lens housing and pull lens housing down. Turn bulb holder anticlockwise and remove bulb holder from lens housing. Pull bulb straight out of bulb holder.

Push new bulb into bulb holder, install bulb holder into lens housing. Feed wiring back into cavity. Fit right side of lens housing in boot lid and then push lens housing into place.



Rear high stop (18 watts)

From the boot, reach in under the stop light and twist to remove the bulb socket.

Bulb pulls straight out of bulb holder.

Install new bulb in bulb holder, refit bulb holder back into stop lamp.

Note that if your car has a high stop lamp in the rear spoiler it is recommended that bulb replacement be carried out by your Holden Dealer.

Caprice fog lights (55 watts)

From under the front bumper bar, remove the rubber dust cap from the rear of the fog light assembly. Squeeze both ends of wire retaining clip together and pivot wire retainer away. Pull bulb assembly out far enough to expose electrical lead connector. Disconnect connector and remove bulb assembly. Connect new bulb and electrical lead, install bulb assembly into correct locating notches, re-connect spring retainer. Refit dust cap.

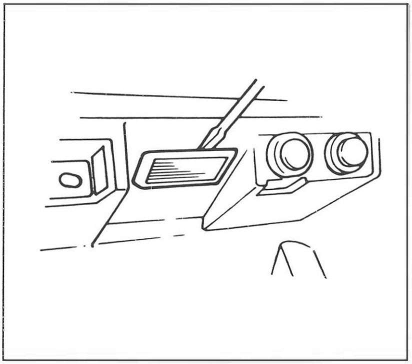
Glovebox (10 watts)

Console bin (5 watts)

Boot (10 watts)

Door (5 watts)

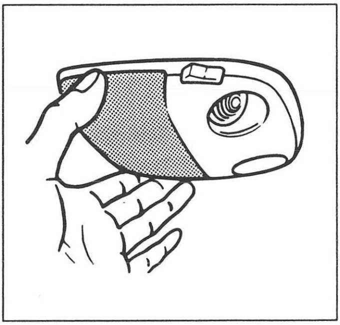
Gently prise away the lens housing with a screwdriver. Pull tab holding bulb (opposite end to wiring) backwards and pull bulb out. To install new bulb, first pull tab backwards. When new bulb is in place feed wiring back into cavity and push lens housing back into place.



BULB REPLACEMENT

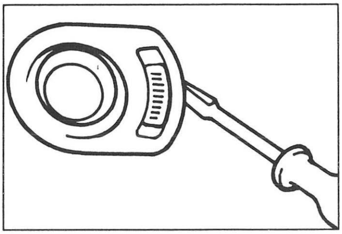
Interior dome (10 watts),
Front reading (5 watts)

With your hand, gently prise away the snap-on lens. The interior dome bulbs can then be pulled straight out by hand. Front reading light bulbs must be pushed in and rotated, before pulling out.



Rear reading (5 watts)

Gently lever off the light assembly with a screwdriver. From the rear of the lamp assembly, twist to remove bulb socket. The bulb then pulls straight out of the socket.



Footwell (2.7 watts)

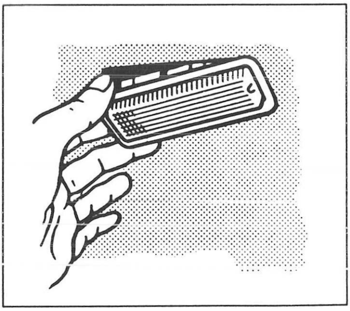
Bulbs (including their green cover) simply pull straight out and push back in.

There is one located above the brake pedal, one behind the passenger's side glovebox and two located at the rear of the console.

Caprice front vanity mirror (1.4 watts)

Pull the lens housing out by hand. If difficult to budge, use a hook to pull the housing down. To avoid damage to the headlining, do not use a screwdriver.

From the rear of the housing, rotate the bulb holder anticlockwise. The bulb can then be pulled straight out.



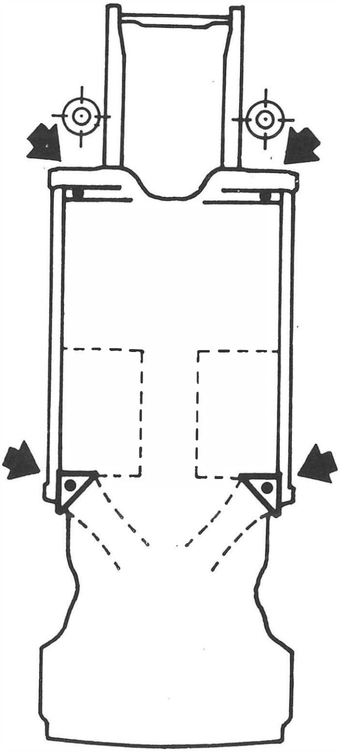
Rear vanity mirror and instrument panel

Refer to instructions given in the relevant Service Manual for your car, or preferably have the work carried out at your Holden Dealership.

TROLLEY JACK LOCATIONS

You should always use the jack locations shown on page 6-7 when using the original jack supplied with your car. This jack has been designed to correctly and safely lift your car. Also note the precautions on page 6-6 prior to lifting.

However, if using a trolley jack to raise the car, it is important that the jack be positioned under the suspension cross member or hoist pad locations. DO NOT JACK UNDER THE SUSPENSION CONTROL ARM. The car should always be supported by jack stands when raised.



Notes

CHAPTER 8

Specifications

Page

8-2 Engine specifications
8-3 Transmission specifications
8-3 Differential specifications
8-4 Brake specifications
8-4 Steering specifications
8-4 Body dimensions
8-5 Identification numbers and plates

ENGINE SPECIFICATIONS

Engine type	**3800 (V6) 6 cylinder, direct fire ignition, port fuel injection**	**5000 Injection (V8) 8 cylinder port fuel injection**
Piston displacement	3791 cc	4987 cc
Cylinder numbering, front to rear	driver's side: 2, 4, 6 passenger's side: 1, 3, 5	driver's side 1, 3, 5, 7 passenger's side: 2, 4, 6, 8
Firing order	1, 6, 5, 4, 3, 2	1, 2, 7, 8, 4, 5, 6, 3
Compression ratio	8.5 : 1	8.4 : 1
Bore	96.5 mm	101.6 mm
Stroke	86.4 mm	76.8 mm
Power kW @ rpm	130 @ 4,800	165@ 4,400
Torque Nm @ rpm	295 @ 3,200	385 @ 3,600
Taxable horsepower	34.6	51.2
Oil specification	Service classification SG or SH. Viscosity grade 20W/50 for normal use, Holden's Motor Oil part no M40106 (5 litres) is recommended. For prolonged use in snow areas, the use of 15W/40 is recommended.	
Refill oil capacity (incl. filter)	4.1 litres approx	5.2 litres approx.
Coolant capacity	12 litres approx.	12 litres approx.
Coolant spec.	50% water and 50% long life coolant conforming to Holden's specification number HN 2043, part number M40236 (1 litre) or M40307 (5 litres). In addition, 3 pellets, part no M40124 must be added when the coolant is replaced.	50% water and 50% long life coolant conforming to Holden's specification number HN 2043, part number M40236 (1 litre) or M40307 (5 litres)
Spark plug	.R42LTS6	.R42LTS
Spark plug gap	1.4 - 1.5 mm	0.95 -1.05 mm
Surge/radiator cap	120 - 150 kPa	120~150 kPa
Idle mixture settings	Idle mixture and idle speed are programmed into the ECM and cannot be changed. The throttle blade stop has been preset and capped and should not be altered.	

TRANSMISSION AND DIFF. SPECIFICATIONS

Auto Trans

		3800 (V6) engine	5000 Injection (V8) engine
Gear ratio:1	1st	3.06	3.06
	2nd	1.63	1.63
	3rd	1.00	1.00
	4th	0.70	0.70
	Rev	2.29	2.29
Refill oil capacity		4.8 litres approx.	5.0 litres approx.
Fluid specification		Dexron ® III	

Diff lubricant

3800 (V6) engine and standard differential and without ABS	MINERAL hypoid gear oil SAE90, GL5 to Holden's specification number HN1561, or HN1386
3800 (V6) engine and Limited Slip Diff and/or ABS All models with 5000 (V8) engines	SYNTHETIC hypoid gear oil to Holden's specification number HN2040 (MOBILUBE SHC 80W-140 ID or CASTROL SAF-XA, or equivalent)

Diff ratio

	3800 (V6) engine	5000 Injection (V8) engine
Ratio	3.08 : 1	3.08 : 1

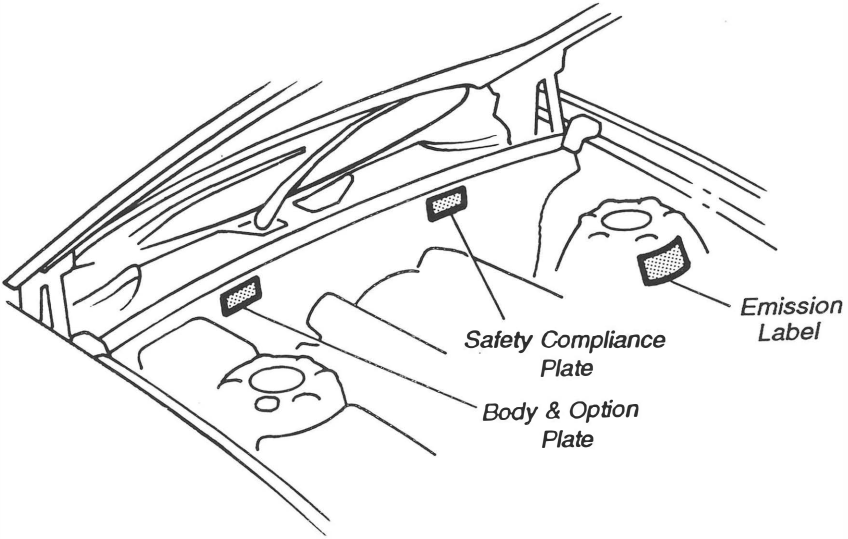
GENERAL SPECIFICATIONS

Dimensions

(mm)

	STATESMAN	CAPRICE
Length	4989	4989
Width	1794	1794
Height	1463	1479
Wheel base	2826	2826
Min ground clearance	157	153
Overhang -front	973	973
Overhang - rear	1190	1190
Front track	1491	1491
Rear track	1491	1491

IDENTIFICATION LABELS



Body and Option Identification plate

This plate shows model identification, body serial number, paint and trim colour combination, paint number, engine, transmission, axle ratio options, suspension options (where applicable) and built date. The built date is defined as "the date of manufacture" by calendar month and year in which the body shell and power train sub-assemblies are co-joined and the vehicle is driven or moved from the production line.

Safety compliance plate

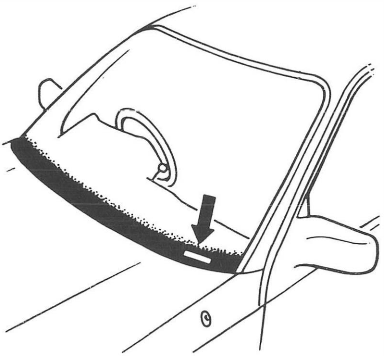
Shown on the plate are the vehicle Make, Model Series, Month and Year of Manufacture, Vehicle Identification Number, approved seating capacity, Gross Vehicle Mass (GVM) on utility and Approval Number.

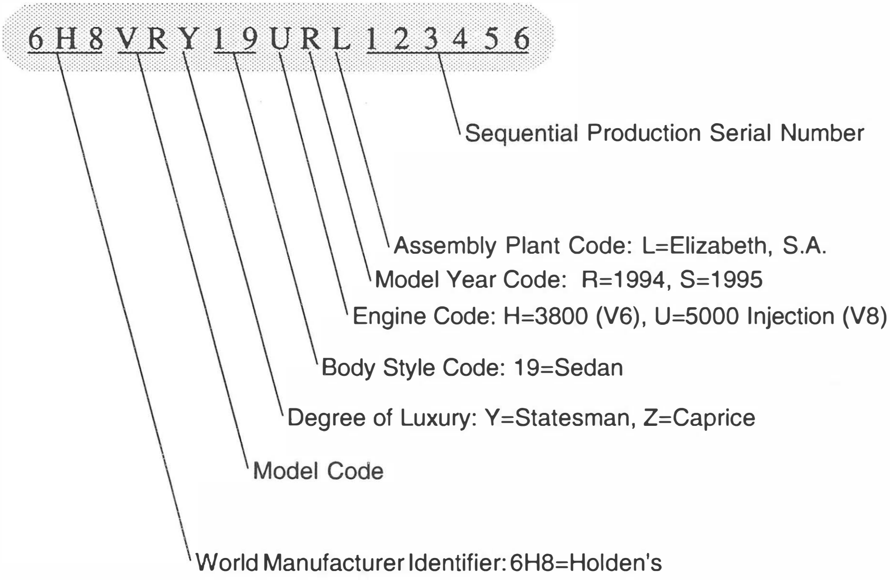
Emission label

This label shows the relevant tune-up information required to maintain minimum exhaust emissions.

IDENTIFICATION LABELS

Vehicle identification number (I.S.O.V.I.N.)




6H8VRY19URL123456
Sequential Production Serial Number
Assembly Plant Code: L=Elizabeth, S.A.
Model Year Code: R=1994, S=1995
Engine Code: H=3800 (V6), U=5000 Injection (V8)
Body Style Code: 19=Sedan
Degree of Luxury: Y=Statesman, Z=Caprice
Model Code
World Manufacturer Identifier: 6H8=Holden's

Engine number

Individual identification numbers are stamped onto every engine.

- 3800 (V6) engine: on the front, upper area of the engine block, on the passenger's side.
- 5000 Injection (V8) engine: above the dipstick, on the passenger's side of the engine block.

CHAPTER 9

After Sales Service

Page

9-2 New Vehicle Warranty
9-4 Parts and Accessories Warranty
9-5 Warranty questions & answers
9-8 HoldenWise
9-10 Roadside service
9-12 Authorised Holden Dealers
9-21 Customer assistance

Note: Dealership names and addresses may change after the printing of this Handbook. The list contains both Authorised Holden Dealers and Authorised Holden Service Operations.

NEW VEHICLE WARRANTY

NEW VEHICLE WARRANTY CERTIFICATE

General Motors - Holden's Automotive Ltd A.C.N. 006 893 232, hereinafter Holden's, warrants that it will make good without charge, any defect which appears in the vehicle identified in the vehicle identification certificate, found on the inside front cover of this handbook.

Provided, for the Vehicle Warranty

1. the defect has been notified to an authorised Holden Dealer or Service Dealer:
   (a) before the vehicle has travelled a distance of 50,000 km or,
   (b) within 24 months of the date of delivery of the vehicle to the first retail purchaser (or in the case of a demonstrator vehicle within 24 months of the date when it was first placed into service by the Dealer)

   whichever comes first, AND for the Powertrain Warranty

   the defect has been notified to an authorised Holden Dealer or Service Dealer:
   (c) before the vehicle has travelled a distance of 100,000 km or,
   (d) within 36 months of the date of delivery of the vehicle to the first retail purchaser (or in the case of a demonstrator vehicle within 36 months of the date when it was first placed into service by the Dealer)

   whichever comes first, AND

2. the vehicle has been returned to an authorised Holden Dealer or Service Dealer

   AND

   the Dealer has determined that the defect complained of is one of workmanship and is not caused by:
   (a) misuse or abuse of the vehicle such as by racing, rallying, overloading, etc., or by neglect
   (b) operation of the vehicle after it is known to be defective
   (c) accident or deliberate act
   (d) atmospheric fallout or flood, hail, salt, etc.
   (e) failure to carry out proper maintenance service
   (f) use of incorrect types and grades of fuel, oil or lubricants
   (g) alteration or modification of the vehicle by any party not authorised by Holden's
   (h) the fitting of parts or accessories not marketed by Holden's
   (i) any work carried out on the vehicle by someone other than an authorised Holden Dealer or Service Dealer.

BY THE DEALER (or as otherwise decided by Holden's) MAKING GOOD THE DEFECT BY REPAIR OR, AT THE OPTION OF HOLDEN'S, BY REPLACEMENT.

NEW VEHICLE WARRANTY cont.

NEW VEHICLE WARRANTY CERTIFICATE cont.

Excluded from the 24/50 Vehicle Warranty are:

defects in tyres (these being warranted by their manufacturers), batteries (which are covered for 12 months) and services such as engine tuning, brake adjustment, replacement of air/oil/fuel filters, wiper rubbers etc., which are required as part of normal vehicle maintenance.

Covered by the 36/100 Powertrain Warranty are:

1. **ENGINE**
   - a) **BASIC ENGINE ASSEMBLY PLUS** Intake manifold; exhaust manifold; super charger; turbo charger; intercooler; seals and gaskets; mountings; flywheel; E.F.I. components; carburettor/throttle body; fuel pump; injection pump; vacuum pump; injector nozzles; hoses and pipes for vacuum and EGR and PCV and fuel systems; fluid coupling; water pump.
   - b) **EMISSION CONTROL** Air pump; air injection manifold; air suction manifold and valve; throttle positioner; modulator; catalytic converter; positive crank case ventilation system; air injection by air suction system; emission control system; exhaust gas re-circulation system.
   - c) **ENGINE RELATED COMPUTERS** Engine control computer; emission control computer; E.F.I. computer; sensors.
2. **TRANSMISSION** Transmission; transaxle; transfer case assembly; torque converter; transmission control computer; mountings; seals and gaskets.
3. **CLUTCH** Cover Assembly
4. **FRONT / REAR AXLE** Axle Housing, Drive Shaft, Constant Velocity Joint, Propeller Shaft, Axle Hub, Axle Shaft, Bearing, Hub Bolts, Nuts, Oil Seals.
5. **SAFETY RESTRAINT** Seat Belts, Sensor Switch, Air Bag, Computer.

Excluded from the 36/100 Powertrain Warranty (but included in the 24/50 Vehicle Warranty) are:

Radiator; heater core; shock absorbers; springs and suspension mounting components; exhaust system; ignition coil/module; distributor; alternator; starter motor; fuel tank; transmission external linkages; wheels; instrumentation switches; spark plug leads plus any other components not specifically listed in Powertrain components shown above.

— —

This Warranty applies only to vehicles operated in Australia and is given to the person who is entitled to possession of the vehicle whether as owner, lessee or otherwise and is given in addition to all rights conferred by law on that person.

Owners of vehicles operated outside Australia should consult their local dealer regarding the warranty applicable to their vehicles.

PARTS AND ACCESSORIES WARRANTY

Holden's warrants in respect of Holden's Parts and Accessories ("Parts" and "Accessories") that it will make good by repair or at its option by replacement any defect occurring in any such Parts and Accessories within 12 months from the date of acquisition or in the case of a Part or Accessory installed in a vehicle by a Holden Dealer or Service Dealer, within 24 months or before such vehicle has travelled a distance of 50,000 km from the date of installation, whichever first occurs.

Excluded from this warranty are maintenance items such as filters, spark plugs, wiper blades, etc. which require replacement as part of normal vehicle maintenance.

Parts and Accessories Warranty Explanation

i ACCESSORIES - NEW VEHICLE

Accessories installed by a Holden Dealer or authorised Service Dealer to the new vehicle at the time of purchase are covered by the Holden's New Vehicle warranty of 24 months or 50,000 km (whichever occurs first) from date of fitment.

ii PARTS AND ACCESSORIES - INSTALLED DURING NEW VEHICLE WARRANTY PERIOD

Parts and/or Accessories installed by the Dealer or authorised Service Dealer during the new vehicle warranty period are covered by the unexpired portion of the new vehicle warranty. After expiry of the new vehicle warranty, the Parts and Accessories warranty will apply until the expiration of 24 months/50,000 km (whichever occurs first) from date of fitment.

iii PARTS AND ACCESSORIES - INSTALLED AFTER EXPIRY OF NEW VEHICLE WARRANTY

Parts and/or Accessories installed by the Dealer or Service Dealer after expiration of the new vehicle warranty are covered by the Parts and Accessories warranty of 24 months or 50,000 km (whichever occurs first) from date of fitment.

iv PARTS AND ACCESSORIES - PURCHASED AT RETAIL OR TRADE

Parts and/or Accessories purchased at trade or retail and installed by other than the Dealer or Service Dealer are warranted for 12 months from date of purchase. In these instances it is necessary to preserve proof of sale records to support warranty claims.

v PARTS AND ACCESSORIES WARRANTY EXCLUSIONS

Defects in tyres, these being warranted by their manufacturers, batteries which are covered for 12 months and maintenance service items, such as spark plugs, oil/air/fuel filters, coolant/inhibitor, wiper rubbers, brake pads, linings and discs, clutch linings, refrigerant, drive belts, distributor ignition points, bulbs and fuses, which are warranted against manufacturing defect existing at time of installation.

Where this Handbook specifies a schedule for replacement of parts, such parts are covered by parts warranty for the extent for the specified maintenance service interval.

WARRANTY QUESTIONS

This section is designed to assist you in understanding the Holden's Warranty provided with your new vehicle.

The following are some of the most frequently asked questions, for which detailed answers have been provided.

Q 1. How do I go about obtaining Holden's Warranty Service?

It is the responsibility of the Selling Dealer to provide Holden's Warranty service, therefore you should take your vehicle to the Selling Dealer whenever Holden's Warranty service is needed. However, if this is not possible, you may go to any other Authorised Holden Dealer. The details recorded inside the front cover of this handbook will be required by the Dealer.

Q 2. What should I do if my vehicle becomes unsafe or inoperative as a result of a defect which is covered by the Holden's New Vehicle Warranty?

You should contact the nearest Authorised Holden Dealer or Holden's Customer Assistance Service (refer last page of this chapter) as soon as possible, and arrange for that Dealer to carry out the required Holden's Warranty Service.

Q 3. What should I do if, in an emergency, Holden's Warranty service is required and an Authorised Holden Dealer is not available to provide such service at the time?

If, in an emergency, a repair, replacement or adjustment (covered by the Holden's New Vehicle Warranty) is required to enable your vehicle to be operated safely and it is not practical for you to go to an Authorised Holden Dealer, the service (to the extent that it is necessary to enable your vehicle to be operated safely) may be performed by any other qualified mechanic or repairer. A claim for the reasonable cost may be made through the Authorised Holden Dealer who would normally provide you with Holden's Warranty Service. You must also take your vehicle to the Authorised Holden Dealer for inspection of the service and/or completion of any required Holden's Warranty Service, as soon as possible.

Note: During normal business hours you should seek authorisation from your nearest Authorised Holden Dealer or Holden's Customer Assistance Service, prior to repairs being commenced.

Q 4. Are damage or injury, loss of time, inconvenience, commercial or other direct or indirect loss covered by the Holden's Warranty?

No, these items are not covered. Holden's warranty only covers the repair, replacement or adjustment of those parts of your vehicle which are found to be defective in materials or workmanship. No other types of claim for compensation of any kind, even if the same resulted from a consequence of a defect in materials or workmanship in your vehicle, will be recognised under the Holden's New Vehicle Warranty.

You may have rights under the law to claim compensation outside of the Holden's New Vehicle Warranty, but any claim based on those rights should be separately pursued.

WARRANTY QUESTIONS

Q 5. Will I have to pay for maintenance costs during the Warranty Period?

Maintenance costs are not covered by the Holden's New Vehicle Warranty. However, the scheduled 1,500 km service specified in chapter 12 of the handbook is provided 'labour free'. Lubricants and parts used for this service will, however, be charged to the owner. This is provided that your vehicle has been operated under *normal* operating conditions (refer page 12-3) and also that no modification (other than a modification made by, or at the direction of, Holden's) has been made to your vehicle. The Maintenance Schedules in this handbook specify the *minimum* maintenance required for your vehicle operating under normal conditions.

The Maintenance items (except where they are required as a result of defects in materials or workmanship) for which you will have to pay for include:

- Engine tune-up, including spark plugs replacement.
- Replacement of all filters, engine and other belts, hoses, wiper blades, clutch linings.
- Cleaning or flushing of fuel, coolant, brake, engine, transmission, differential, power steering etc., after the 1,500 km service.
- Carbon and sludge removal.
- Maintenance servicing of emission control system devices.
- Adding to (or replacing) lubricants.
- Adding to (or replacing) air conditioning refrigerant, after the 1,500 km service .
- Any necessary adjustments to drive belts, transmissions, clutch, park brake etc.
- Wheel balancing - after the 1,500 km service.
- Wheel alignment.
- De-dusting or de-glazing of brake linings or pads - after the 1,500 km service.
- Brake lining wear or damage.
- Brake disc pad or disc wear.
- Battery re-charging.
- Paint, bright metal finish and trim, due to normal deterioration.
- Body panel adjustment - after the 1,500 km service.
- Door, or bonnet lock adjustments.
- Glass or channel adjustments - after the 1,500 km service.
- Body rattle, squeaks and general tightening of bolts, fastenings and fittings - after the 1,500 km service.
- Chipped glass or breakage.
- Torn or damaged floor mats or carpets.
- Normal wear and tear to trim components.

Q 6. Are my tyres covered by the Holden's New Vehicle Warranty?

No. The tyres fitted to your vehicle are covered by a separate warranty provided by the tyre manufacturer. Any Authorised Holden Dealer will assist you by discussing any queries which you might have with respect to the tyre manufacturer's warranty with the tyre manufacturer's representative.

WARRANTY QUESTIONS

Q 7. Are Holden's parts and accessories covered by warranties?

If you buy a Holden's part or accessory from an Authorised Holden Dealer it will be warranted by that Dealer, under the Holden's parts and accessories Warranty, against defects in materials or workmanship for 12 months, from the date of purchase. In the case of a Holden's part or accessory which has been installed in a vehicle by a Holden Dealer, it will be warranted for 24 months or 50,000 km (whichever occurs first) from the date of installation.

Defects in tyres (these being warranted by their manufacturers), batteries (which are covered for 12 months) and maintenance items such as filters, spark plugs, wiper blades and brake pads/linings require replacement as part of normal maintenance. Such replacements are not the subject of this warranty.

Q 8. Will I have to pay for any costs or expenses in connection with the provision of Holden's Warranty service?

All parts and labour used in carrying out Holden's Warranty Service at the premises of the Servicing Dealer are free of charge. Whenever Holden's Warranty service is to be carried out by the Servicing Dealer it is your responsibility to deliver your vehicle to the Servicing Dealer's premises.

If, as a result of a defect which is covered by the Holden's New Vehicle Warranty, your vehicle cannot be driven safely and you arrange for the nearest Authorised Holden Dealer to carry out the required Holden's Warranty Service, Holden's will accept reasonable towing costs to move your vehicle to the nearest Holden Dealer's premises. Before employing a towing company, contact the nearest Holden Dealer and/or Holden's Customer Assistance Service (refer last page of this chapter) to obtain guidance.

Q 9. How much will I have to pay for the scheduled maintenance services, detailed in Chapter 12 of this handbook?

Page 12-8 provides a list of the suggested labour time, parts and lubricants required to complete each service.

Q 10. Would my car's engine benefit from fuel additives, oil additives or coolant additives not marketed by Holden's ?

The use of break-in oil, tune-up compounds, friction-reducing compounds and other supplemental additives is not recommended; their use will not only increase operating costs, but may also be detrimental to the operation of your car.

Only the fluids and lubricants referred to in this handbook should be used.

HOLDENWISE

One feature every car maker would love to be able to offer

Holden, a lot more than just a car

As you'll soon discover, your new Holden is a lot more than just a car..... because every Holden comes with one very special feature, HoldenWise.

HoldenWise was created to offer Holden owners the best Australia wide customer care system possible. To do this we've drawn on all the technical resources and service skills of Holden's. However, the key to our service is and always will be, people, with over 5,000 Holden service and parts specialists spread across the country. Thanks to them, we can offer HoldenWise Customer care at participating Holden Dealers with complete confidence.

Holden Specialists

HoldenWise technicians have been specially trained by the factory and have the experience in service and parts skills necessary to work on your car. As you can imagine Holdens today are a lot more sophisticated than they used to be, which means specialist service is essential.

Knowing Holdens so well, our technicians know exactly how long each service takes, which is why Holden dealers can offer fixed price servicing.

HoldenWise Fixed Price Servicing

HoldenWise has eliminated one of the big worries about car services, not knowing what the bill will be. Every participating Dealer service centre offers fixed price servicing. You need only ask and you'll be given a quote on how much the job will cost before it's started. So there are no nasty surprises when paying the bill.

Of course, if during the service, a problem is discovered, you'll be telephoned immediately before any more work is done.

You may be comforted to know that all participating Dealer work is covered by a workmanship warranty.

HoldenWise Workmanship Warranty

All services and repairs are covered by a 6 month/10,000 km Dealer warranty on workmanship. If a fault arises during that period, due to the service, your Holden Dealer will fix it. But workmanship isn't the only thing that is guaranteed.

HOLDEN WISE
QUALITY SERVICE & PARTS

We guarantee our service workmanship for a period of 6 months or 10,000 kilometres.

GUARANTEE

HOLDENWISE

Holden's Parts Warranty

The parts used in HoldenWise services are manufactured and tested to the same high standards as the originals, so Holden quality parts carry the same 24 month/50,000 km warranty when fitted by the Dealer. Naturally the warranty does not apply to normal maintenance parts like oil filters and spark plugs.

Whilst on the subject of parts, how often have you been told you'll have to wait a while until the parts can be found?

Thanks to the HoldenWise network, it's something you're unlikely to encounter at your Holden Dealer.

The HoldenWise Network

Most HoldenWise Dealer service and parts centres are computer linked through to the factory, which means you'll never have to wait an eternity for the right parts to be found.

What's more, with around 350 Dealers nationwide, you'll never be far from the same high standard of service.

Holden Accessories

Holden accessories are designed and approved as an integral part of your vehicle so you know they will fit and function precisely. When installed by the Holden Dealer to your new vehicle, Holden accessories are covered by the Holden's warranty of 24 months or 50,000 km for your added protection.

Customer Assistance

Finally, we suggest you read the last page of this chapter for information on Holden's Customer Assistance Service.

Unauthorised statements in relation to Holden's products

No Holden Dealer or other person is authorised or permitted to give or make any statement assertion or undertaking in relation to the quality, performance, characteristics, descriptions or fitness for any purpose of any Holden's product or in connection with the supply of any Holden's product, which is at variance with any written statement assertion or undertaking on any of these subjects given or made by Holden's in its published sales literature, and the Company does not accept any such unauthorised action.

HOLDENWISE Roadside service

3 YEAR 24 HOUR ROADSIDE SERVICE

OUR COMMITMENT TO YOUR SATISFACTION

HoldenWise Roadside Service is part of the unequalled commitment of Holden's to provide total motoring satisfaction.

From the moment delivery is made, our aim is to provide the finest possible ownership experience, from design through manufacturing to servicing, and now beyond to the open road.

HoldenWise Roadside Service is your key to worry free motoring - one that covers you from your driveway to the open road, Australia-wide.

We hope the need never arises, but if it does, we'll be there to help through HoldenWise Roadside Service.

HOW DOES HOLDENWISE ROADSIDE SERVICE WORK?

When you decide to buy a new Holden, you will have made a wise purchase decision and you will become a member of an exclusive club of Holden owners, covered by a 24 hour a day, 365 day a year, professional service for 3 years.

HoldenWise Roadside Service is provided by General Motors-Holden's Automotive Ltd., and delivered by the collective resources of the Australian Automobile Clubs and Associations (the constituents of the Australian Automobile Association) the 'AAA'.

WHICH CARS ARE COVERED BY THE SERVICE?

As of 1st November 1993 all new Holden passenger and light commercial vehicles are covered for 36 months service.

HoldenWise Roadside Service is extended to private and business cars, taxis, rental companies, all government and fleet operators.

WHAT WILL HOLDENWISE ROADSIDE SERVICE DO FOR ME?

HoldenWise Roadside Service is designed to get you mobile after your vehicle has become disabled on a constructed road that is trafficable to normal two wheel drive vehicles.

Your vehicle must be disabled due to (non-collision related) mechanical failure/driver fault i.e. flat tyre, flat battery, locked out of the vehicle, or have simply run out of petrol.

Where permanent repairs are either not possible or practicable, temporary repairs will be carried out, or the vehicle towed to a Holden Dealer or approved repairer.

WHEN DO THE BENEFITS BEGIN?

Cover begins the moment a Holden vehicle is purchased. An Interim Registration card entitles you to immediately receive all the benefits of HoldenWise Roadside Service.

WHERE CAN I GET HOLDENWISE ROADSIDE SERVICE?

The professional service of HoldenWise Roadside Service is available to you at home, or at the roadside, anywhere in Australia, should you need it.

HOLDENWISE Roadside service

WHAT HAPPENS IF MY VEHICLE NEEDS MAJOR REPAIRS?

In the case of a breakdown where the vehicle cannot be made driveable or where temporary repairs may void the warranty, HoldenWise Roadside Service will provide towing to the nearest Holden Dealer, or if not geographically practicable, to the local 'AAA' constituent service facility. It is the responsibility of the owner to seek Holden's approval before any repairs are undertaken by a non Holden Dealership. This action will ensure the warranty remains valid.

During an after-hours' breakdown and where the metropolitan Holden Dealer or 'AAA' constituent's approved repairer is not open, the vehicle may be towed to any other location nominated by the driver not exceeding 20 kilometres from the point of breakdown.

IS THERE ANY MEMBERSHIP OR JOINING FEE?

No, you will not be required to pay any fees. Every new Holden passenger car and light commercial vehicle owner is eligible for HoldenWise Roadside Service for 36 months.

WHAT WILL HOLDENWISE ROADSIDE SERVICE COST ME?

Materials, fuel and spare parts supplied during the service must be paid for at the time of the service. The service personnel attending will issue a receipt for these expenses. Reimbursement of expenses covered by Holden's warranty can be claimed by contacting the local Holden Dealer.

WHAT HAPPENS IF I SELL MY VEHICLE?

Holdenwise Roadside Service stays with the vehicle, so if you sell your vehicle during the 36 month period, it is still eligible for the service. The new owner simply registers for the service by using the change of ownership form supplied in the member's kit.

ROADSIDE 'ULTRA' - PRESTIGE CARS

Holden Caprice, Statesman, Calais or Calibra receive the additional cover of 'Roadside Ultra'. This additional cover provides the new owner with all the benefits of HoldenWise Roadside Service along with some very valuable extras, including accommodation, alternative transportation, rental car and Australia-wide vehicle recovery.

HSV - HOLDEN SPECIAL VEHICLES

Purchasers of Holden Special Vehicles automatically qualify for the coveted HSV Gold Lion package. This package provides the Gold Lion Member with all the benefits of HoldenWise Roadside Service and where applicable, the enhancement package 'Roadside Ultra'.

HOW DO I CALL FOR SERVICE?

Simply call **1800 817 100**, the HoldenWise toll free number from anywhere in Australia

The HoldenWise Roadside Service Kit contains full details of the service and any limitations that may apply. In the meantime further information is available from the toll free Holden's Customer Assistance Service line, on **1800 033 349**.

N.S.W. HOLDEN DEALERS

N.S.W. Metropolitan

ARNCLIFFE	Suttons Motors Arncliffe P/L - 93 Princes Highway
ASHFIELD	Muirs Motors (Ashfield) P/L - 252 Parramatta Road
BALGOWLAH	James Langfield Holden - 164 Condamine Street
BANKSTOWN	Princeton Holden - 466 Chapel Road
BLACKTOWN	West City Holden - 120~128 Sunnyholt Road
CABRAMATTA	John Abrahams Holden - 266~284 Hume Highway
CAMPBELLTOWN	Paul Wakeling Holden - Cnr Blaxland & Campbelltown Rds
CASTLE HILL	Windsor Road Holden - Cnr Victoria Ave/Windsor Rd
CHULLORA	Suttons Motors (Chullora) P/L - Cnr Hume Hwy/Waterloo Rd
CROW'S NEST	New Hunter Holden - 446 Pacific Hwy
DEE WHY	Peninsula Holden - Cnr May & Mooramba Roads
GORDON	Sundell Holden - Cnr Pacific Hwy/McIntyre St
HOMEBUSH	Suttons Motors Homebush P/L - 112 Parramatta Road
LAKEMBA	Boyded Holden Lakemba - 817 Canterbury Road
LIVERPOOL	A.C. McGrath & Co Pty Ltd - 411~419 Hume Highway
NEWPORT	Esso Car Care Centre (Mobil) - 340 Barrenjoey Road
PARRAMATTA	Boyded Holden Parramatta - 65 Church Street
PENNANT HILLS	Barry Smith Holden - 351~355 Pennant Hills Road
PENRITH	John Young Holden - 39~47 Henry Street
ROCKDALE	Peter Terry Holden - 571 Princes Hwy
ROSEBERY	Suttons City Holden - Link Road
RYDE	Hunter Holden - 603~605 Victoria Road
SPRINGWOOD	Springwood Holden - 15 Ferguson Road
ST LEONARDS	New Hunter Holden - 4 Herbert Street
ST. MARY'S	John Young Holden - Cnr Glossop & Harris Streets
SUTHERLAND	Greg Ball Holden - 499~505 Princes Highway
WAITARA	Suttons Motors Waitara P/L - 90 Pacific Hwy
WINDSOR	Hawkesbury Valley Holden - 18 Macquarie Street

N.S.W Country

ALBURY	Brian White Holden - 647~657 Dean Street
ARDLETHAN	Halden's Auto Repairs - 18 Mirool Street
ARMIDALE	New State Motors - 103 Rusden Street
BALLINA	Quayside Motors - Pacific Highway
BARHAM	Hall's Motors Pty Ltd - 44 Noorong Street
BATHURST	Bathurst Motors Pty Ltd - 54 Durham Street
BATLOW	Robert Broadhurst Holden - Pioneer Street
BEGA	South Coast Holden - 247 Carp Street
BELLINGEN	E.H.H. Raymond Pty Ltd - Broadway
~~BELMONT~~	~~Challenge Holden - 444 Pacific Highway~~
BLAYNEY	Alan May Auto. Services - 98 Adelaide Street
BOMBALA	Delcott Engineering Pty Ltd - Maybe Street
BOOROWA	Boowowa Auto Repairs - 40 Marsden Street
BOURKE	Bourke Auto Electical & Mechanical - 15 Richard Street
BREWARRINA	Lukas Holden - Bathurst Street
BROKEN HILL	Donlee Motors Pty Ltd - Cnr Galena & Rakow Streets

N.S.W. HOLDEN DEALERS

CAMDEN	Paul Wakeling Pty Ltd - 15 Camden Road
CANOWINDRA	Canowindra Motors - Gaskill Street
CARDIFF	Brian Kelly Holden - 35~39 MacQuarie Road
CASINO	McKinnon Holden - 142 Barker Street
CESSNOCK	Geoff Boyd Holden - 173~175 Wollombi Road
COBAR	Cobar Motors Pty Ltd - Barton Street
COFF'S HARBOUR	Geoff King Holden - Cnr Pacific Hwy and Thompson Road
COOLAMON	Coolamon Motors - Cowabbie Street
COOMA	Summit Holden - 66~70 Sharp Street
COONABARABRAN	Allan Cooper Holden - John Street
COONAMBLE	Moody's Motors - 37 Aberford Street
COOTAMUNDRA	Jenkins Garage - 111 Wallendoon Street
COROWA	R.W.E. Fraser & Co Pty Ltd - 218 Honour Avenue
COWRA	Waugoola Motors Pty Ltd - Kendal Street
CROOKWELL	Crookwell Autos - 114 Goulburn Street
DENILIQUIN	Burchfield Bros & Co - 112~114 End Street
DORRIGO	Phil Noble Motors - 46~48 Hickory Street
DUBBO	John Kierath - 54 Bourke Street
DUNGOG	Turner Holden - 248 Dowling Street
EDEN	Ron Doyle - 113 Imlay Street
FINLEY	Riverina Garage Finley - 104 Murray Street
FORBES	Paddison & Co - Cnr Rankin St & Court Lane
GILGANDRA	Allan Cooper Holden - 106 Warren Road
GLEN INNES	Glen Severn Holden - 167 Grey Street
GLOUCESTER	Grahame's Garage Pty Ltd - 1 Park Street
GOSFORD	Noble Holden - Pacific Highway
GOULBURN	Geissler Motors - 279~298 Auburn Street
GUNDAGAI	Smith Motors - Sheridan Street
GRAFTON	Ken Casson Holden - 71~75 Spring Street
GRENFELL	Terry Carroll Motors Pty Ltd - 40 Alexandra Street
GRIFFITH	Leo Franco Holden - 164~166 Yambil Street
GULARGAMBONE	Gulargambone Motors - Bourbah Street
GUNNEDAH	Namoi Valley Motors - 48 Barber Street
GUNNING	Bailey's Garage Pty Ltd - Yass Street
GUYRA	Burgess Garage Pty Ltd - 131~143 Bradley Street
HARDEN	Ginty & O'Leary - Cnr Station & Albury Streets
HAY	Royce Curtis Motors - 168 Lachlan Street
HOLBROOK	Lieschke Motors Pty Ltd - Albury Street
INVERELL	Gaukroger Sales Pty Ltd - Vivian Street
JERILDERIE	Jerilderie Motors - Jerilderie Street
KANDOS	Chrisfield Holden - 11 Angus Street
KATOOMBA	Katoomba Holden - 136 Great Western Highway
KEMPSEY	Thoroughgood Motors - 118~132 Belgrave Street
KIAMA	Glen Fulton Holden - 35~41 Collins Street
KYOGLE	O & A Holden - 128~134 Summerland Way
LEETON	John Ryan Holden - 47 Pine Street
LISMORE	John Chant Motors Pty Ltd - 21~27 Carrington Street
MACKSVILLE	Eastland Auto Centre - 18~22 Cooper Street
MACLEAN	O'Halloran Motors - 175 River Street
MAITLAND	Heritage Holden - 557~567 High Street

N.S.W. & A.C.T. HOLDEN DEALERS

MOREE	Keith Haddad Holden - Cnr Boston & Heber Streets
MORUYA	Surfair Holden - 88 Vulcan Street
MOSS VALE	Vagg & Partners Holden - 160~162 Argyle Street
MULLUMBIMBY	Tony Carsburg Holden - 2 Argyle Street
MUDGEE	Ross Granata Motors - 47~55 Market Street
MURWILLUMBAH	Tweed Motors Murwillumbah - 29 Prospero Street
MUSWELLBROOK	Upper Hunter Motors Pty Ltd - 116 Bridge Street
NARRABRI	Allan Cooper Holden - 181 Maitland Street
NARRANDER	A C. & S. Coelli - 7 King Street
NARROMINE	L.E. Stanley Pty Ltd - Dandaloo Street
NEWCASTLE	Young & Green Pty Ltd - 745 Hunter Street
NOWRA	Glendon Motors Holden - 301~313 Princes Highway
ORANGE	Canobolas Holden - 348 Summer Street
PARKES	Go Motors of Parkes - Cnr Mitchell & Clarinda Sts
PEAK HILL	S.Leary & Sons Pty Ltd - Mingelo Street
PORT MACQUARIE	Todd Holden - 16~20 Clarence Street
QUIRINDI	Browning Motors - 82 Henry Street
SCONE	Upper Hunter Motors (Scone) - 100 Liverpool Street
SINGLETON	Lancaster Holden - 80 John Street
TAMWORTH	Kensell's Holden - Cnr Bourke St & Kable Ave
TAREE	Hardes Auto House - 61 Manning Street
TEMORA	Rod Lovering Holden - 2 Stockinbingal Road
TENTERFIELD	Sexton & Green (Sales & Service) P/L - 148 Rouse Street
TUMBARUMBA	D & A Goldspink - Albury Street
TUMUT	Nancarrow Holden - 35 Fitzroy Street
TWEED HEADS	Tweed Motors Pty Ltd - 75~79 Pacific Highway
ULLADULLA	Johnston Holden - 150 Princes Highway
WAGGA	Wagga Motors Pty Ltd - 32 Dobney Avenue
WALCHA	Bowden's Garage Pty Ltd - Derby Street
WALGETT	Walgett Garage Pty Ltd - 81 Wee Waa Street
WALLA WALLA	D.E. Lieschke & Son Pty Ltd - Commercial Street
WARIALDA	Roger Moore - Hope Street
WARILLA	Wilson's Warilla Pty Ltd - 29 Shellharbour Road
WARREN	Fuller Bros - Dubbo Street
WEE WAA	Allan Cooper Holden - Rose Street
WELLINGTON	Gersbach's Garage Pty Ltd - 92 Lee Street
WEST WYALONG	West Wyalong Motors - 183 Main Street
WOLLONGONG	Dwyers City Holden - 31~33 Crown Street
WYONG	Barry Robertson Holden - 172 Pacific Highway
YASS	Bill Nesbitt Holden - 221 Comur Street
YOUNG	Harden & Geelan Holden - 48 Boorowa Street

A.C.T.

BELCONNEN	Gerald Slaven Holden - Josephson Street
BRADDON	Beazley & Bruce Holden - 44 Mort Street
PHILLIP	Commonwealth Motors Pty Ltd - 158 Melrose Drive

VIC. HOLDEN DEALERS

Vic. Metropolitan

BERWICK	Barry Bourke Holden - 755 Princes Highway
BUNDOORA	Watson Holden - 413 Grimshaw Street
BURWOOD	Penfold Holden - 63 Burwood Highway
CAULFIELD	Booran Holden - 1049 Glenhuntly Road
CHELSEA	Harrison Holden - 370 Nepean Highway
CHELTENHAM	Booran Holden - 1212 Nepean Highway
DANDENONG	Daryl Shave Holden - 25 Lonsdale Street
ELSTERNWICK	Reg Hunt Holden - 77 Nepean Highway
ESSENDON	Preston Motors (Essendon) P/L - 205~211 Keilor Road
FAWKNER	Mantello Holden - 1263 Sydney Road
FERNTREE GULLY	Neilson Holden F.T.G. - 980 Burwood Highway
FOOTSCRAY	Alan Mance Holden - 435 Barkly Street
FRANKSTON	Noel Gould Holden - 140 Dandenong Road
GEELONG	R & B Smith Holden - 510 Moorabool Street
GEELONG	Winter & Taylor (Sales) P/L - 23 Cavendish Street
GLEN WAVERLEY	Geoff Brady Holden - 565~577 Springvale Road
HASTINGS	Westernport Holden - 2147 Flinders Road
LILYDALE	Noel Dight Holden - 344 Main Street
MORNINGTON	John Collins Holden - 976 Nepean Highway
OAKLEIGH	Garry & Warren Smith - 1575 Dandenong Road
PRESTON	Ralph D'Silva Holden - 573~603 High Street
RINGWOOD	Patterson Cheney Holden - 45~57 Maroondah Highway
SOUTH MELBOURNE	Patterson Cheney Holden - 168 Sturt Street
SOUTH YARRA	Penfold Holden - 681 Chapel Street
SUNSHINE	Kevin Dennis Holden - 272 Ballarat Road
WERRIBEE	Ballan Holden - 56 Princes Highway
WEST MELBOURNE	Reg Hunt Holden - 577 King Street

Vic. Country

ALEXANDRA	GK & JH Radford - 79 Greints Street
ARARAT	David Reid Motors - High Street
BAIRNSDALE	The Big Garage - 199 Main Street
BALLARAT	Peter Amor Motors - 2~26 Mair Street
BENALLA	Arnott's Motors - 88~90 Bridge Street
BENDIGO	Ron Poyser Holden - Cnr High & Myrtle Streets
BIRCHIP	R.L. Bales P/L - 38 Cumming Avenue
BOORT	Jaron Motors - 55 Godfrey Street
CAMPERDOWN	Camperdown Auto Parts - 96 Manifold Street
CASTERTON	Coxons Holden - 139 Henty Street
CHARLTON	K.V. Charlton - 70 High Street
COBRAM	Neville Mustica Motors - Murray Valley Hwy
COLAC	Parker Bros. Motor Co - 224 Murray Street
CORRYONG	Boers Motors - 88~90 Hanson Street
DAYLESFORD	K.R. Little - Vincent Street
DIMBOOLA	Westerfield Motors Pty Ltd - 64 Lloyd Street
DONALD	O.A. Shilton & Sons Pty Ltd - 5 Wood Street
ECHUCA	Echuca Motors - 148 Murray Valley Highway
EUROA	Croxford Holden - 41 Clifton Street
FOSTER	Ray Dower Motors - 78 Main Street

VIC. & TAS. HOLDEN DEALERS

HAMILTON	Peter Sandow Motors Pty Ltd - 261 Gray Street
HOPETOUN	Hopetoun Motors - 78 Lascelles Street
HORSHAM	Ivan Morrow Motors Pty Ltd - 22 O'Callaghans Street
KANIVA	Kaniva Motors - 82 Commercial Street
KOOWEERUP	Chelfco Two Hundred & Two - Rossiter Road
KORUMBURRA	Peter Dunlevie Holden - 42 Commercial Street
KYABRAM	D'Alberto Holden - 60 McEwen Road
KYNETON	Mollison Motors Pty Ltd - 167 Mollison Street
LEONGATHA	Gleeson Holden - 37~43 Bair Street
MAFFRA	Knight Paterson Holden - Johnson Street
MANSFIELD	Christopher & Kirley Automotive Services - Early Street
MARYBOROUGH	Graham Jacka Holden - 35 Nolan Street
MILDURA	Stuart & Harrison (Sales) Pty Ltd - 24~32 Deakin Avenue
MORTLAKE	W. Christian (Mortlake) Pty Ltd - 107 Dunlop Street
MURRAYVILLE	Peers Motors - McKenzie Street
NATHALIA	BHB Motors - 6 Blake Street
NHILL	Ivan Morrow Motors Pty Ltd - 71~73 Nelson Street
NULLAWIL	Nullawil Motors & General Engineers - Calder Highway
ORBOST	Merlin Motors - Stanley Street
PORTLAND	Reynolds Holden - Henty Highway
QUAMBATOOK	Quambatook Auto Services - 32 Gutherie Street
ROCHESTER	Bruce Hocking Motors Pty Ltd - 71 Moore Street
ROBINVALE	Stuart & Harrison (Sales) Pty Ltd - cnr Herbert & George Sts
RUTHERGLEN	Jasper Bros Pty Ltd - 62 Main Street
SALE	Keith Boyd Holden - 273 York Street
SEALAKE	Paddy Smith Holden - Calder Highway
SEYMOUR	Neil Beer Holden - 49 Emily Street
SHEPPARTON	Parker Bros. Auto Co. - Benalla Road
STAWELL	Tonkin Motors - 71~73 Main Road
SWAN HILL	Swan Hill Holden - 94~102 Campbell Street
TALLANGATTA	Crispin Motors - 21 Towong Street
TIMBOON	Timboon Motors - Bailey Street
TRARALGON	Colin Watson Holden - Princes Highway
UNDERBOOL	A.J. Gloster & Sons - Cotter Street
WANGARATTA	Alan Capp (New Cars) Pty Ltd - Tone Road
WARBURTON	Col McKenzie Holden - Main Street
WARRACKNABEAL	Amor Motors Aubrey Truck Sales - 33 Woolcock Street
WARRAGUL	Vin Rowe Holden - 3 Endeavour Street
WARRNAMBOOL	Callaghan Motors Pty Ltd - 133~137 Fairy Street
WONTHAGGI	J.P. Holden - 2 Murray Street
YARRAM	Graham Helleren Motors Pty Ltd - Bland Street
YARRAWONGA	Pigdons Pty Ltd - Belmore Street

Tas.

BURNIE	Motors Burnie - 84~89 Marine Terrace
DEVONPORT	Motors Devonport - Victoria Parade
HOBART	Motors Pty Ltd - 179 MacQuarie Street
KING ISLAND	King Island Motors Pty Ltd - Netherby Road, Currie
LAUNCESTON	Motors Launceston - 93~95 Elizabeth Street
SMITHTON	Motors Smithton - Cnr Nelson & Gibson Street
ULVERSTONE	Motors Ulverston - 97~101 Reibey Street

QLD. HOLDEN DEALERS

Qld. Metropolitan

ALBION	Bill Harrison Car Sales - Frodsham Street & Crosby Road
ASPLEY	Zupps Aspley Pty Ltd - 1442 Gympie Road
CAPALABA	Oldfield Holden - 103 Redland Bay Road
INDOOROOPILLY	Westpoint Holden - 440 Moggill Road
IPSWICH	Ross Llewellyn Holden - 246 Brisbane Road
MOOROOKA	John Sivyer Holden - 1060 Ipswich Road
MT. GRAVATT	Zupps Motors Pty Ltd - 1310 Logan Road
NEWSTEAD	Eagers Retail Pty Ltd - 95 Breakfast Creek Road
NUNDAH	Eagers (Northside) - 1319 Sandgate Road
PETRIE	Petrie Holden - 1059 Gympie Road
REDCLIFFE	Village Holden - 425 Elizabeth Avenue
SPRINGWOOD	Motorama Holden - 3455 Pacific Highway
WINDSOR	Leach Holden - 143 Newmarket Road
WOOLLOONGABBA	Armstrong Holden - 73 Ipswich Road
WYNNUM	Doug Barton Holden - 200 Tingal Road

Qld. Country

ATHERTON	Redding Motors Pty Ltd - 2 Cook Street
AYR	Honeycombes Sales & Service - 213~217 Queen Street
BEAUDESERT	Lawson Holden - 57 Brisbane Street
BOWEN	McDermott Holden - 98 Herbert Street
BUNDABERG	Ross Gray Holden - Takalvan Street
CABOOLTURE	Beecham Holden - Bribie Island Road
CAIRNS	Ireland Holden - 227~233 Mulgrave Road
CALOUNDRA	Allan Scott Holden - Caloundra Road
CHARLEVILLE	Alan Dobbin Holden - 129 Alfred Street
CHARTERS TOWERS	Peters Holden - 57 Mosman Street
CHINCHILLA	Ainsworth Motors & Machinery Pty Ltd - 55 Chinchilla Street
CLONCURRY	Cloncurry Motors - 59 Scarr Street
CROWS NEST	Dennis Nissen Motors - 14 William Street
DALBY	Johnson's Holden - 36 Drayton Street
EMERALD	Orion Agriculture Supplies Pty Ltd - Clermont Street
GATTON	Gatton Auto Centre - 67 Railway Street
GLADSTONE	Andersons Auto City - 56 Yarroon Street
GYMPIE	Madills - 35 Mellor Street
INGHAM	Origlasso Motors - 99 Lannercost Street
INNISFAIL	I.C. Taylor Pty Ltd - 117 Edith Street
JULIA CREEK	Julia Creek Motors Pty Ltd - Burke Street
KILCOY	Hobart's Garage - 58 Mary Street
KINGAROY	John Dundas Pty Ltd - 38 King Street
LAIDLEY	Buhse's Garage Pty Ltd - 5 Spicer Street
LONGREACH	Longreach Motors - 33 Swan Street
MACKAY	Pioneer Holden - Cnr Gordon & Wellington Streets
MAROOCHYDORE	Sunco Holden - Wises Road
MARYBOROUGH	Whitaker Holden - 109~111 March Street
MOUNT ISA	Barkly Motors Pty Ltd - Marian Street

QLD. HOLDEN DEALERS

MURGON	Clifton Motors - McAllister Street
NAMBOUR	Kallenbach Motors - 139 Howard Street
NANANGO	Nanango Motors Pty Ltd - 72~74 Drayton Street
NOOSA	Madills - 52 Mary Street
NOOSA HEADS	Gilbert Motors - Cnr Noosa & Coral Tree Roads
PROSERPINE	Crossley Car Whitsunday Pty Ltd - 162~164 Main Street
QUILPIE	Quality Motors - Boonkai Street
ROCKHAMPTON	Lawrence's - 327 Richardson Road
ROMA	Maranoa Multi Agencies - Bowen Street
SOUTHPORT	Lockhart Holden - Cnr Nerang Road & Olsen Avenue
SPRINGSURE	Springsure Motors - Eclipse Street
ST. GEORGE	Halpin Motors - 39~41 Grey Street
STANTHORPE	Central Motors - 42 Maryland Street
TOOWOOMBA	Toowoomba Holden - Cnr James & Hume Streets
TOWNSVILLE	Tony Ireland Holden - 87~91 Charters Towers Road
TULLY	Island Coast Holden - 12 Richardson Street
WARWICK	Deighton Motors Pty Ltd - Grafton Street

N.T.

ALICE SPRINGS	Kittle Holden - Cnr Wills & Railway Terrace
DARWIN	Kerry Holden - 21~25 Stuart Highway
KATHERINE	Master Motors - 1130 Victoria Highway

S.A. HOLDEN DEALERS

S.A. Metropolitan

ADELAIDE	City Holden - 223 Grenfell Street
ELIZABETH	Peter Page Holden - Elizabeth Way
MALVERN	Claridge Holden - 361~367 Unley Road
PORT ADELAIDE	Smiths of Port Adelaide - 271 Commercial Road
MORPHETT VALE	Southgate Holden - 49~59 Main South Road
SOMERTON PARK	Hamilton Holden - 278~288 Brighton Road
THEBARTON	Metro Holden - 1 Port Road
VALLEY VIEW	Plaza Holden - 817~839 North East Road

S.A. Country

BALAKLAVA	Balaklava Motors - 4 Wallace Street
BERRI	Rosenthal Bros Pty Ltd - Vaughan Terrace
CEDUNA	Beck Motors Pty Ltd - Poynton Street
CLARE	Brian Holmes Holden - 7 Old North Road
CLEVE	Herbert Motors Pty Ltd - Rudall Road
CRYSTAL BROOK	Newitts Crystal Brook - 26 Brandis Street
CUMMINS	Trigg & Wedd - 3 Umlauf Street
GAWLER	Steinhage Holden - Cnr Murray & Bridge Sts
KADINA	J.H. Rosewarne Pty Ltd - Graves Street
KEITH	Farmers Centre - McBain Street
KINGSCOTE	Roberts Motors - Telegraph Road
KINGSTON	Lecornu's Service Garage - Agnes Street
LOXTON	Flight Motors Pty Ltd - Bookpurnong Terrace
MAITLAND	Maitland Motors Pty Ltd - 58 Robert Street
MALLALA	Curnow's Garage Pty Ltd - Balaklava Road
MENINGIE	Peter Hood Holden - Cnr Princes Highway & Coonalpyn Road
MILLICENT	Dennis Cowling Holden - 98 George Street
MT. BARKER	Gilbert Motors - 57 Adelaide Road
MT. GAMBIER	O.G. Roberts & Co - Jubilee Highway West
MURRAY BRIDGE	Dutton Motors Pty Ltd - 7 Adelaide Road
NARACOORTE	Kingcraig Motors Pty Ltd - 158~164 Smith Street
PORT AUGUSTA	Butler's Mechanical Services - 2 Woodcock Street
PORT AUGUSTA	Ken Feltus Holden - 38 Stirling Road
PORT LINCOLN	City Motors - King Street
PORT PIRIE	Spencer Holden - 50 Ellen Street
RENMARK	Rosenthal Motors Pty Ltd - Ral Ral Avenue
STRATHALBYN	Gilbert Motors (Strathalbyn) Pty Ltd - High Street
TANUNDA	Hage & Co Pty Ltd - 50 Murray Street
VICTOR HARBOR	Southern Motors Holden - 5 Victoria Street
WAIKERIE	Riverside Holden - 6 Crush Terrace
WHYALLA	Ken Feltus Holden - 64 Essington Lewis Avenue
YANKALILLA	Martin Motors Pty Ltd - Main Street
YORKETOWN	Southway Holden - 7 Minalaton Road

W.A. HOLDEN DEALERS

W.A. Metropolitan

CANNINGTON	Brian Gardner Holden - 1308 Albany Hwy
FREMANTLE	Shacks Holden - 64 Queen Victoria Street
GOSNELLS	Lance Gibbons Holden - 2325 Albany Highway
MELVILLE	Melville Motors Pty Ltd - 532~540 Canning Highway
MIDLAND	Goldy Holden - 161 Great Eastern Highway
MORLEY	Metro Motors - 212 Walter Road
NAVAL BASE	Shacks Cockburn - 15 Rockingham Road
OSBORNE PARK	North City Holden - Cnr Scarborough Beach Rd & Harborne St
PERTH	City Motors - 505 Newcastle Street
VICTORIA PARK	Young's Holden - 529 Albany Highway
WANNEROO	Phoenix Holden - 5 Berriman Drive

W.A. Country

ALBANY	Manley Stanwell Holden - 92~98 Earl Street
BRIDGETOWN	Kordics Bridgetown - Hampton Street
BROOKTON	Coote Motors - Robinson Road
BROOME	Norwest Holden - McPherson Street
BUNBURY	Bunbury Holden - 27 Denning Road
BUSSELTON	Fennessy Holden - 2~4 Bussell Hwy
CARNAMAH	T & H Walton Stores Pty Ltd - Robertson Street
CARNARVON	North West Autos - 175 Robinson Street
COLLIE	Station Motors - 102 Throssell Street
CORRIGIN	Farmpower - Kunjin Road
CRANBROOK	Cranbrook Motors - 11~13 Gathorne Street
DALWALLINU	Reid & Inglis - Johnson Street
ESPERANCE	Dempster Holden - Norseman Road
GERALDTON	Youngs Motors - Cathedral Avenue
GNOWANGERUP	G.S. Hendry & Co Pty Ltd - Yougenup Street
HARVEY	Stockman Holden - 111 Uduc Road
KALGOORLIE	Kyle Motors - 114 Boulder Road
KATANNING	Edwards Holden - 159 Clive Street
KELLERBERRIN	Dowding Motors - 1 Mitchell Street
MANDURAH	Mandurah Holden - 283 Pinjarra Rd
MANJIMUP	Manjimup Automotive Services - Pritchard Street
MERREDIN	Carson's of Merredin - 112 Barrack Street
MOORA	Frank Lewis Holden - Gardiner Street
NAREMBEEN	Aquip Machinery - 20 Churchill Avenue
NARROGIN	Marley White & Co - Federal Street
NORTHAM	Withnell Motors - 58 Fitzgerald Street
WAGIN	Marley White & Co - Tudor Street
WONGAN HILLS	Agro Machinery Pty Ltd - Fenton Street

CUSTOMER ASSISTANCE

We want you to be happy with your new vehicle, together with the people you deal with while you have the vehicle.

Normally, any problems with the sales, operation or servicing of your vehicle will be handled by your Dealer's Sales and Service Department.

We realize however, that, with the best intentions, misunderstandings do occur sometimes.

☞ Therefore, we suggest you discuss any concern with one of the Dealer's management people. If you haven't received satisfaction from the Sales Manager or Service Manager - go to the General Manager or to the Dealer himself.

By now you should have satisfaction. If not, the Holden's Customer Assistance office is at your disposal.

☎ The Holden's Customer Assistance representatives can be telephoned from anywhere within Australia for only the cost of a local call. The Melbourne area number is 646 5466. Outside the Melbourne Metropolitan area, the number is 1800 03 3349.

If your concern relates to parts/accessories and you have made contact with the Dealer or Distributor without satisfaction, you may contact Holden's Service Parts Operations on (03) 797 7341

Naturally, telephoning is the quickest and the best way to contact. However, if you prefer to write the address is:

✉ The Manager
Holden's Customer Assistance Services
GPO Box 343C
Melbourne, 3001.

Your letter should clearly outline your concern or query, and include the following:

✍
- Your name and address
- Telephone numbers, both private & Business
- Servicing Dealership's name and address
- Vehicle model
- Vehicle identification number (I.S.O.V.I.N.)
- Date of purchase
- Current odometer reading

Most of this information will be found on the Vehicle Identification Certificate, located inside the front cover of this handbook.

Before you write however, remember that the telephone is the quicker and more efficient means of communication.

Notes

CHAPTER 10

Towing

Page

10-2 Loading the car
10-3 Roof racks, superlift shock absorbers
10-5 Towing
10-6 Towing equipment
10-7 Towing tips and precautions

LOADING THE CAR

Overloading is a safety hazard and could also shorten the life of your car or its parts. The recommended carrying capacity of your car is: 5 occupants plus 68 kg luggage (408 kg load in total).

If you load your car other than to the above recommendations then you should ensure that the MAXIMUM REAR AXLE LOAD and the MAXIMUM CAR LOAD (see below) are not exceeded.

Kerb weight

The kerb weights shown in the chart on the following page are for the weight of a standard unloaded car, without any options, but with a full tank of fuel.

Tow bar ball load

The tow bar ball load is the weight on the tow bar ball, when the packed caravan (or trailer) is hitched.

Ideally, the ball load should be 10% of the packed caravan weight. This can be adjusted by correctly packing the contents of the caravan.

If the ball load is too light or too heavy, the steering and handling of the car will be greatly impaired.

When towing, the weight of the ball load must be included in both the maximum rear axle load and the G.V.M. It should be treated as luggage.

(G.V.M.) Gross Vehicle load

The maximum vehicle load is the maximum that a car is allowed to weigh when fully loaded. This must include luggage, goods, passengers, roof rack load and a full tank of fuel. If you are towing, then the weight of the tow bar ball load must also be included. The maximum, allowable weight for your car is shown in the chart on following page.

Maximum rear axle load

The maximum allowable rear axle load for your car is shown on the following chart.

Remember to take the tow bar ball load into account when determining the rear axle load.

LOADING

Weights (kilograms)

Model	3800 (V6) ENGINE			5000 Injection (V8)ENGINE		
	Kerb	Max rear axle	GVM	Kerb	Max rear axle	GVM
Statesman	1517	1033	1925	1595	1034	2003
Caprice	1552	1047	1959	1629	1048	2037

- add 80 kg if LPG fitted
- 2100 kg towing. When all the required equipment for towing 2,100 kg is fitted (see page 10-6) the car may be loaded up to the above GVM PLUS 10% of the trailer load (through the towbar ball), provided that this additional towbar load is distributed to the front and rear axles by correct use of the load equalizer hitch. This loading may then exceed the axle loads specified. Front axle load must not exceed 1,000 kg; rear axle load must not exceed 1,260 kg

Roof rack loads

Roof rack loads alter the handling of a car, due to a change in the centre of gravity. When carrying loads on the roof rack avoid abrupt swerving or sharp steering. The load (which should not exceed 68 kg) should be evenly distributed.

The weight on the roof rack must be included when working out the maximum car load (G.V.M.) - the roof rack load should be treated as luggage.

Booster springs and superlift shock absorbers

The use of booster springs or superlift shock absorbers DOES NOT increase the carrying capacity of the car. Maximum loads for your car must NOT be exceeded, otherwise, overloading of axle parts may shorten the life of your car.

Superlift shock absorbers do, however, allow adjustment of the car's height, so that you have improved handling and better ground clearance in rough terrain when the car is heavily loaded.

CAUTION:

Do not drive with superlift shock absorbers inflated when the car is not loaded, as car handling is affected. The car should be at normal level.

Always ensure that superlift air pressures are within the minimum and maximum pressures shown on the tag attached to the air pressure valve.

LOADING cont.

Add on equipment - front of car

Owners intending to fit bull bars etc. should first check with their Holden Dealer. Depending on the weight of the equipment, it may be necessary to fit heavier duty springs and struts to help avoid potential damage to the front underside of the car when driving on rough road conditions.

FITTING BULL BARS, DRIVING LIGHTS, INSECT SCREENS

When fitting these accessories be careful not to restrict air flow through the condenser and radiator, otherwise engine overheating and/or poor air conditioning performance may result.

Mudflaps

It is strongly recommended to have mud flaps fitted if the car is driven extensively on unsealed roads.

TOWING

Your car is designed primarily as a passenger car, so handling, durability and economy may be affected by towing a caravan or trailer. Before attempting any towing, ensure that the correct equipment is fitted. Your Holden Dealer will help supply and install towing equipment to suit your requirements.

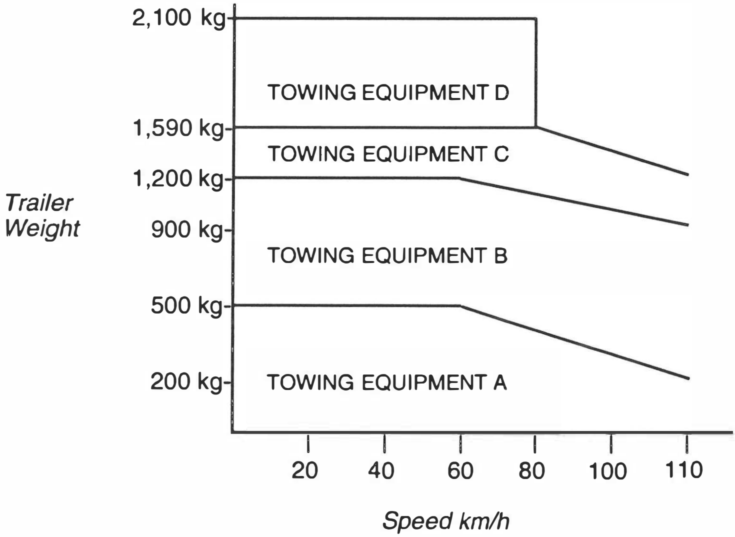
Determine which category your car will fall into from Table 1, then refer to Table 2 to determine which equipment is specified as essential and which equipment is preferable to your needs.

Your car will fall into either category A, B, C or D depending on travelling speed and trailer (or caravan) weight. Each category requires extra equipment to be fitted to your car to enable it to perform satisfactorily.

It will be seen that loads should be reduced when driving at higher speed, and that when towing loads in category D speed must not exceed 80 km/h.

Never exceed the loads given in Table 1 for the particular class of towing equipment fitted to your car.

Table 1



Note: Holden's towing equipment is recommended where it is available. Where it is not available, no recommendation is made as to the make of equipment which should be used. Holden's will not accept liability for defects occurring in towing equipment not marketed by Holden's or for defects in the car arising from the use of such equipment.

TOWING cont.

Table 2

A	Essential	Holden's 1,200 kg rating sedan Tow Bar Package
	Essential	Holden's trailer wiring Harness Package
	Preferable	Holden's automatic transmission oil cooler
	Preferable	Holden's steering oil cooler
B	Essential	Holden's 1,200 kg rating sedan Tow Bar Package
	Essential	Holden's trailer wiring Harness Package
	Essential	Load equalizer Hitch when towball loads are in excess of 75 kg (not available from Holden's)
	Essential	Trailer brakes, by State Law
	Preferable	Holden's automatic transmission oil cooler
	Essential	Holden's steering oil cooler
C	Essential	Holden's 1,590 kg rating sedan Tow Bar Package
	Essential	Holden's trailer wiring harness package
	Essential	Heavy Duty Tow Bar Equalizer Hitch complying with SAE J684E or F Class2
	Essential	Trailer Brakes - electric or hydraulic, by State Law
	Essential	Holden's automatic transmission oil cooler
	Essential	Holden's steering oil cooler
D	Essential	Holden's 2,100 kg rating sedan Tow Bar Package
	Essential	Holden's trailer wiring harness package
	Essential	Holden's automatic transmission oil cooler
	Essential	Holden's steering oil cooler
	Essential	Heavy duty tongue and equalizer hitch
	Essential	Trailer Brakes - electric or hydraulic, by State Law
	Essential	Superlift shock absorber kit
	Essential	Variotronic wiring heat shield
	Essential	Centre bearing heat shield
	Essential	4 silicon figure 8 exhaust rings
	Essential	Heavy duty radiator (for 3800 V6 engine only)
	Essential	Synthetic differential oil (for 3800 V6 engine only)

TOWING

Tow bar ball load (see second page of this chapter for explanation) must not exceed 120 kg for category A and B and must not exceed 160 kg for category C or 210 kg for category D, even if a Load Equalizer Hitch (required when ball load exceeds 75 kg) is used.

When towing up to the maximum of 2,100 kg; the minimum cold inflation pressure for rear tyres is 260 kPa (37 psi) for IRS and 240 kPa (34 psi) without IRS.

Safe towing tips

Your car will handle differently when towing. It's a good idea to make a couple of short distance trips with the caravan or trailer before you set off on the big one.

Have your car correctly maintained and serviced.

Have your caravan or trailer maintained and serviced, with particular attention given to condition of brakes, tyres, suspension, wheel bearings, towing coupling and lighting.

You should have an extended-arm mirror on both sides of your car.

Headlights may need re-aiming after the loaded caravan has been hitched, particularly if a load equalizing hitch is not used.

Use a lower gear, rather than your brakes when descending steep hills.

If your caravan or trailer moves off the road behind you, allow the left wheels of your car to move off as well. When it is safe to do so, carefully steer back on to the road. A sudden attempt to steer back could make you swerve dangerously.

To stop the transmission constantly changing between 3rd and 4th gear, it is recommended that the T-bar be in Drive with the "Power" mode selected when towing. "Economy" mode may be selected under ideal conditions, i.e. driving at a constant speed on flat roads, with a small trailer or caravan. Some drivers may prefer to select "3" position in "Power" or "Economy" modes when towing.

TOWING cont.

Towing precautions

- When towing, your tyres should be inflated to the maximum recommended pressure. Refer to the tyre placard under the bonnet, on the radiator support panel.
- Do not use axle-mounted hitches. They can cause damage to the axle housing, wheel bearings, wheels and tyres.
- Trailer brakes are required on trailers weighing over 500 kg when loaded. Some States require trailer brakes on loads less than 500 kg.
- Some States specify that the load being towed must not exceed the weight of the car.
- It is permissible to tap into the rear brake system with a signal generating unit using not more than 0.21 cc of fluid displacement during the operation of the brakes. It must not be fitted to the front brake system.
- The brakes on the trailer or caravan must be designed to cope with the braking requirements of that trailer or caravan under all towing conditions, without adversely affecting the brakes on the car.
- Whenever a towbar is removed, be certain to have any mounting holes in the underbody properly sealed to prevent the possible entry of exhaust fumes, dust and water.
- Ensure that the tow bar does not obscure the rear number plate. If necessary, remove the towbar tongue when it is not required for towing.

Running-in when towing

It is recommended that you drive your new car for at least 1,500 km before towing. If you must tow before this do not exceed 80 km/h. The same applies if you have a new or reconditioned engine, transmission or rear axle.

Car maintenance

More frequent car maintenance is required when using your car to pull a trailer or caravan, refer Chapter 12. The transmission fluid will need to be changed every 12 months or 20,000 km.

Notes

Notes

CHAPTER 11

Cleaning

Page

INTERIOR CLEANING

11-2 Upholstery
11-2 Vinyl (P.V.C.) fabrics
11-3 Cloth fabrics
11-3 Carpet
11-3 Leather
11-3 Seat belts
11-3 Interior glass

EXTERIOR CLEANING

11-4 Washing
11-5 Grease, oil & tar spots
11-6 Polishing
11-6 Paint inspection
11-6 Wheels
11-7 Exterior glass
11-8 List of care & maintenance materials

INTERIOR CLEANING

CAUTION:

Many cleaners may be toxic, flammable or may damage the interior. When cleaning the interior, avoid volatile cleaners such as: acetone, lacquer thinners, enamel reducers, nail polish removers, or cleaners such as laundry soaps, bleaches or reducing agents. Never use carbon tetrachloride, gasoline or naphtha for any cleaning purpose. Be sure the car is well ventilated while using any cleaners and always follow the cleaning manufacturer's recommendations.

Care and cleaning of upholstery

Dust and dirt which accumulate on upholstery should be removed every few weeks - more often with constant driving. This can be done readily with a vacuum cleaner. Before attempting to remove spots and stains, it is necessary to determine as accurately as possible:

- The type of fabric.
- The nature and age of the stain.
- The effect of the stain removal agent upon the colour, structure and general appearance of the upholstery.

It is essential that stains be removed as soon as possible after they have been made. If they are allowed to remain on the fabric for any length of time they very often become oxidised or set, and removal becomes difficult, if not impossible.

Cleaning P.V.C. coated fabrics

Vinyl (P.V.C.) coated fabrics are used for seating, headlinings and auxiliary trimming. The grades used vary according to their function. P.V.C. fabrics are generally made by coating fabric with synthetic resins. Care of P.V.C. fabrics is a relatively simple but important matter. The surface should be wiped over with a dry cloth during the regular cleaning of the car.

Should dirt accumulate and become embedded in the material pattern, the following procedure is recommended.

1. Using luke warm water and soap, or Holden's Velour Fabric and Vinyl Cleaner, work up thick suds on a piece of cheesecloth, and apply to the surface. A soft bristle brush can be used to remove stubborn stains or dirt embedded in the grain of the material.
2. Repeat using only a damp cloth and no soap.
3. Wipe dry with a soft cloth. The above cleaning instructions also apply to the rubber floor mats.

INTERIOR CLEANING

Cleaning cloth trim

Where the seats in your car are upholstered with cloth, the following instructions should be observed.

- Most loose dirt and dust can be removed by a vacuum cleaner or soft brush.
- DO NOT use a whisk broom or a coarse hair brush.
- If normal soiling should take place it is recommended that the fabric be sponged lightly with warm water containing a detergent and a small amount of ammonia. The fabric should then be rubbed lightly, and if necessary, sponged again to remove anything stubborn. Soak up excess fluid with a dry cloth. Holden's Velour Fabric and Vinyl Cleaner may be used to advantage, but should be used sparingly.

Cleaning carpet

Thoroughly brush or vacuum the carpet. In many instances the carpet may require no further cleaning. If the carpet is extremely soiled, thoroughly vacuum it to remove loose dirt then, using Holden's Velour Fabric and Vinyl Cleaner, clean approximately one square foot at a time. After each area is cleaned, remove as much of the cleaner as possible with a vacuum cleaner.

Cleaning leather trim

To remove surface dust and grit, regularly wipe leather with "Softly" in warm water using a soft cloth or sponge. Clean leather every 3 months with a mild saddle soap and a damp soft cloth, to remove in-ground dirt which is not visible. Allow leather to dry naturally and apply a colourless beeswax dressing.

Do not use detergents, solvents, abrasives, spray packs or unidentified leather cleaners or suede cleaners.

Cleaning seat belts

Cleaning of seat belts can be carried out by using a mild non-abrasive soap and luke warm water. After washing be sure to thoroughly sponge the washing solution out of the belts.

CAUTION:

Do not bleach or dye seat belts since this may severely weaken them.

Cleaning interior glass

The interior glass area of the car should be cleaned using Holden's Glass Cleaner with a clean soft cloth. Care must be taken when cleaning inside the rear window so as not to damage the demister.

Never use abrasive cleaners on any car glass, as they may cause scratches.

WASHING

CAUTION:

Care should be taken when moving the car after washing, in case water has affected the brakes. Applying the brakes lightly will indicate whether they have been affected. To dry them quickly, lightly apply the brakes while maintaining a slow forward speed with a clear area ahead, until brake performance returns to normal.

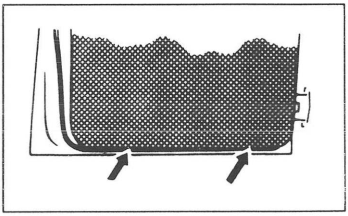
Before washing the paint on your car, check that the door drain holes and rocker sill vents are not blocked. The underbody should also be cleaned to remove deposits of mud and corrosive products.

Underbody cleaning

The effects of salts and other corrosive materials from road surfaces can result in accelerated rusting and deterioration of the underbody parts, such as brake and fuel lines, frame, underbody floor pan, exhaust system, brackets and park brake cables. These corrosive effects, however, can be reduced by periodic hosing of the underbody with plain water whenever the car is being washed. In geographical areas having a heavy concentration of corrosive materials it is recommended that the complete underbody be inspected and washed at least once each year, preferably after a winter's exposure. Particular attention should be given to cleaning out underbody members where dirt and other foreign materials may have collected.

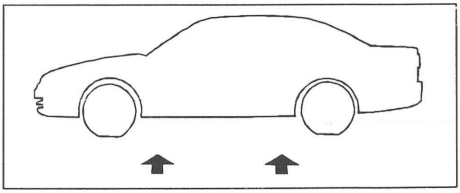
Door drain holes

It is important that the drain holes at the bottom of the door panels are checked to make sure that they are free of dirt and foreign material, which could trap water inside the panels. Clogged drain holes can be cleaned with a small screwdriver and these drain holes are angled back towards the rear of the car.



Rocker sill vents

Vents should be regularly checked to see that they are clear of blockage, using a blunt ended instrument. These vents are formed as cutouts in the sheet metal along the bottom edge of the rocker sill.



EXTERIOR CLEANING

Washing paint

The paint will stay bright and new looking for years with little or no polishing, provided it is given a reasonable amount of regular washing to keep off road grime.

Washing not only removes dirt and road grime that settles on the car, but also dilutes acids which accompany such grime, in particular, salt from air or sea spray encountered in coastal areas which often become trapped in crevices. Tree sap, road tar, excretion from insects and industrial fall out often contain harmful chemicals and other foreign matter that may permanently damage the paint finish of the car. These should be removed without delay, using an effective removal agent.

Regular washing

If the car is in continuous use, it should be washed at least once a week with either cold or warm water (preferably running water), using clean chamois leathers, sponges or rags free from dirt or grit likely to scratch the paint finish. It is good practice to first hose the car to remove as much of the grit and grime as possible before swabbing the surface.

Do not wash the car under bright sunlight on hot days, as this will result in a streaky or spotted paint finish. This is caused by refraction of sunlight through the water drops (just like a magnifying glass) which concentrates the sunlight, producing very high temperatures on the paint surface. For the same reason, you should thoroughly dry the car after washing.

Holden's Foaming Car Wash or Wash On Shine loosens road grime to make washing easier and leaves paint shining clean, refer last pages of this Chapter.

Do not use hot water, strong soap or chemical detergents. Any cleaner should be flushed promptly from the surface and not allowed to dry on the finish.

Removing grease, oil and tar spots

Grease and oil, and even tar if it's fresh, can be removed from the finish with a little kerosene or turpentine. As a precaution against staining, wash and polish as soon as possible the area from which the foreign matter has been removed.

Warnings

- Some chemical cleaners used for removing road oils and tars from painted surfaces have been found to be detrimental to automotive paint.
- If petrol is spilt on the paint when refilling, flush off immediately with clean water, as petrol has a tendency to stain or soften new paint finish during the weathering out period, particularly when the car is exposed to high temperatures.
- Petrol MUST NOT be used to clean any painted or plastic surfaces.

EXTERIOR CLEANING, WHEELS AND TYRES

Insect spots

Insect spots on the paint finished parts of the car can be easily washed off by using a solution containing 1 litre of water in which approximately 110 grams of baking soda (Bicarbonate of Soda) has been dissolved. Flush the washed parts with clean water.

Polishing

You may wish to polish your car to provide maximum protection against road dirt and industrial fall out etc. The application of a polish may be required to remove foreign matter which is not normally removed by washing. Over a period of time, such foreign matter may build up on the paint surface, to the detriment of its overall appearance.

DO NOT ATTEMPT TO APPLY A POLISH WITHOUT FIRST WASHING TO REMOVE LOOSE GRIT, SURFACE DIRT, DUST OR GREASE ETC.

Painted plastic bumpers or body side mouldings may be cleaned and polished according to the instructions given above for the paint.

Paint inspection

Regular inspection of the car should be made for scratch marks, cracks or damaged areas, all of which could develop rust and thus affect paint finish. Any deep scratches, cracks or breakdown in the finish should be repaired without delay. Care should be taken to ensure that any rusting is counteracted immediately, otherwise rust “creep” will extend beyond the damaged area. This applies particularly in sub-tropical areas or coastal districts, where the moist, or salt-laden atmosphere accelerates rusting if it is allowed to develop through neglect. The paint of the car gives a very high degree of protection against the weather, but is should be realised that wear and deterioration occur when the car is exposed to elements for prolonged periods. The car therefore should be garaged whenever possible.

Tyres

Sponging with cold water is all that is necessary for normal cleaning of the tyres. Oil and grease can, and should be removed with soap and water or detergent. For tar or other substances, a mild abrasive, such as mechanic’s hand soap or kitchen cleaning powder, may be used if necessary. Thoroughly wash the tyres with water to finish. Petrol must not be used for cleaning tyres.

New tyre look can be restored using Holden’s Tyre and Bumper Shine, refer last pages of this Chapter.

Alloy wheels

To preserve the original appearance of alloy wheels, keep them clean and free from build up of road dirt. Holden’s Wheel Cleaner can be used for cleaning all alloy wheels. Do not use abrasive cleaners on highly polished alloy wheels as they could damage the protective coating.

EXTERIOR GLASS CLEANING

Glass cleaning - general

Special care should be taken to avoid scratching the glass when cleaning. If it is cleaned at the same time as the rest of the car, there is a possibility that particles of grit will cause fine scratches. Flush off any heavy mud deposits on the glass when washing the body, but leave the final cleaning and polishing until afterwards. Use Holden's Glass Cleaner and wash each section of glass in turn, making sure that the water, its container and the sponge are quite clean and free from grit. Clean old linen cloth is better than new material for polishing glass.

Windscreen

It is important that the windscreen be kept clean so that the wiper blades may be as effective as possible in wiping the surface. Old wiper blades can cause windscreen scratching and therefore should be inspected regularly and replaced as necessary.

Abrasive materials must never be used to clean glass as they can cause scratches. A scratched windscreen will impair vision, particularly at night. After the windscreen has been cleaned with a wet sponge it should be wiped over with a soft lint free cloth or chamois.

It is recommended that Holden's Optikleen be added to the windscreen washer reservoir to assist the wipers in keeping the windscreen clean whilst driving.

Wiper blades

Oil and road scum thrown up onto the windscreen will cause smearing when the wipers are switched on, as dirt then transfers onto the wiper blades. Many owners, whilst they methodically clean the windscreen glass, omit to clean the wiper blades and consequently smearing of the glass re-appears immediately the wiper blades are set in motion. The blades can be cleaned by simply lifting them off the windscreen glass and cleaning with Holden's Optikleen and a clean cloth.

DO NOT OPERATE THE WIPER BLADES BY HAND AS THIS MAY DAMAGE THE WIPER DRIVE MECHANISM.

If in dry conditions, the wiper blades are used to clean dust and dirt from the windscreen always use the washer system first to wet the windscreen. Ensure that the windscreen washer reservoir is not empty.

Should the wiper blades be frozen to the windscreen, they must be lifted off and freed by hand before switching on the wipers.

CARE & MAINTENANCE MATERIALS

HOLDEN'S PART No.	SIZE	DESCRIPTION	USAGE
M39828	500 ml	Polymer glaze polish	Seals in a deep, lustrous, glazed finish. Long life protection from oxidation, salt and weather damage.
M39829	500 ml	Easy gloss polish	Contains silicones and hard working waxes for extra shine.
M39646	250 g	Deep shine glaze polish	Contains carnuba wax for a mirror finish.
M39830	500 ml	Wash on shine	Contains polymer protectants to shine. Adds a protective film to paintwork.
M39831	500 ml	Foaming car wash	Leaves a no-streak finish.
M38424	400 g	Velour fabric and vinyl cleaner	Cleans and deodorises velour, most fabric and vinyl upholstery, hood linings, mats and carpets.
M40383	350g	Tyre and bumper shine	Restores tyres and bumpers to as new finish.
M40501	350 g	Glass cleaner	Cleans all glass surfaces.
M39826	500 ml	Optikleen	Windscreen washer solvent.
M39168	125 g	Car freshener/deodorant	Removes tobacco smells and other odours.
M40500	300 g	Bug, tar and spot remover	Quickly dissolves and removes tar, grease, oil, bugs and other stubborn stains from your car's exterior.

CARE & MAINTENANCE MATERIALS

HOLDEN'S PART No.	SIZE	DESCRIPTION	USAGE
M39760	350 g	Spray grease	Lithium based grease in a can. Sprays as a liquid. Ideal for springs, cables, linkages etc.
M40276	750 ml	Wheel cleaner	Cleaning of all wheels, including alloy wheels.
1050002	470 ml	Top engine cleaner	Purges gum, carbon, varnish and sludge from internal parts.
92026651	500 ml	Brake fluid	Extra heavy duty brake fluid.
M40236	1 litre	Radiator inhibitor	Inhibitor providing year-round protection against corrosion and rust. Anti-freeze lowers freezing point for the cold winter months. Coolant increases boiling point of the cooling system for the summer months.
M40307	5 litres	''	
M40238	20 litres	''	
M39304	500 ml	Radiator cleaner	Use prior to or replacing coolant.
M37223	400 g	Degreaser	Removes oil and grease from engines.
M33028	27 g	Solid oil	Lubricant for locking mechanisms, door hinges, sticking windows.

Notes

CHAPTER 12

Servicing

Page

12-2 Service intervals
12-3 Extreme operating conditions
12-5 Maintenance schedule
12-8 Service costs
12-11 Maintenance coupons
12-53 Change of name/address/ ownership

SERVICE INTERVALS

When it comes to service, remember that your Holden Dealer has the trained personnel and specialised equipment to correctly service your vehicle. Your Dealer invites you to return for all your service needs both during and after the warranty period.

The safety, economy, emission control, performance and reliability of your vehicle cannot be assured unless regular maintenance is performed, preferably by factory-trained technicians.

Therefore, it is in the owner's interest that the following services are performed at the specified Distance or Months (whichever occurs first).

1,500 km - 1 month
10,000 km - 6 months
20,000 km - 1 year
30,000 km - 1 year & 6 months
40,000 km - 2 years
50,000 km - 2 years & 6 months
60,000 km - 3 years
70,000 km - 3 years & 6 months
80,000 km - 4 years
90,000 km - 4 years & 6 months
100,000 km - 5 years
110,000 km - 5 years & 6 months
120,000 km - 6 years
130,000 km - 6 years & 6 months
140,000 km - 7 years
150,000 km - 7 years & 6 months
160,000 km - 8 years
170,000 km - 8 years & 6 months
180,000 km - 9 years
190,000 km - 9 years & 6 months
200,000 km - 10 years

The one month (1,500 kilometres) service will be performed "labour free" by the Selling Dealer.

This service may be carried out by another Holden Dealer provided you have a letter of Introduction from the Selling Dealer.

Your Dealer will supply the necessary Letter of Introduction on request.

The services shown in this schedule between 20,000 km and 200,000 km are to be performed after 200,000 km at the same intervals.

NOTE: All maintenance services as listed in this handbook and replacement of service items are the responsibility of the owner and as such are NOT considered, under the provisions of the new vehicle warranty to be rectification of defective material and workmanship. Items such as wheel alignment, necessary adjustments to the transmission, clutch, parking brake, etc. or any other items which may require servicing due to fair wear and tear will be carried out at the owner's cost.

Note that if service operations required disconnecting the battery (e.g. work to the electrical system of the car) you may wish to provide the servicing dealer with your P.I.N. so that he can re-activate the radio for you. Otherwise, you will have to input the P.I.N. yourself......keep the P.I.N. in a safe but accessible place!

Failure to have proper maintenance services carried out by an Authorised Holden Dealer or Service Dealer may void your new Vehicle Warranty. It is strongly recommended that you read the "New Vehicle Warranty" on page 9-2, so that you aware of the conditions.

As each service is performed and the coupon removed, the following service coupon is readily visible to remind you when the next service is due.

After the service is completed, the owner should see that the Validation Record is stamped and signed by the Dealer. This is important, as it will not only assist in determining Warranty Claims, but will enhance the value of the vehicle on resale.

EXTREME OPERATING CONDITIONS

If your vehicle operates under any of the extreme conditions listed in the following table it is recommended that some items be serviced more frequently than the intervals specified in the Maintenance Plan.

NOTE: The extra services listed below need only be used continuously if your vehicle operates continuously under the conditions specified.

If you operate under any of these conditions on a one off basis e.g. holiday trip, then an extra service should be for that period only.

As a guide, if you operate continually for a period of one month or 1,000 km under any of the extreme conditions, then this could qualify for additional services.

If at any time it is considered that the above items or other items should be more frequently serviced due to the type of operation or before a long trip, discuss the situation with the service manager of your Holden Dealer.

Change automatic transmission fluid and strainer @ 20,000 km				D	E	F
Inspect front suspension and steering for leaks, wear or damage @ 5,000 km	A	B				
Replace engine oil filter @ 5,000 km or 3 months (whichever comes first)	A					
Change engine oil @ 5,000 km or 3 months (whichever comes first)	A		C		E	F
Replace air cleaner element @ 20,000km	A					
Inspect and clean park brake linings @ 20,000 km	A	B				
Change differential oil @ 20,000 km					E	F

A = Dust, dirt, loose road material.

B = Muddy and wet areas.

C = Cold weather (below 5°C) and when most trips are less than 5km.

D = Stop-start driving, excessive idling or low speed operation as experienced in inner city driving e.g. taxi, door to door delivery.

E = Caravan or trailer towing.

F = Extended heavy load high speed operation in temperatures above 35°C.

EXTREME OPERATING CONDITIONS

SPECIAL SERVICE FOR EXTREME OPERATING CONDITIONS

Date .... km ....
Items performed: ....
....
....
....
Servicing
Dealer ....

SPECIAL SERVICE FOR EXTREME OPERATING CONDITIONS

Date .... km ....
Items performed: ....
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....
....
Servicing
Dealer ....

SPECIAL SERVICE FOR EXTREME OPERATING CONDITIONS

Date .... km ....
Items performed: ....
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Servicing
Dealer ....

SPECIAL SERVICE FOR EXTREME OPERATING CONDITIONS

Date .... km ....
Items performed: ....
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Servicing
Dealer ....

SPECIAL SERVICE FOR EXTREME OPERATING CONDITIONS

Date .... km ....
Items performed: ....
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Servicing
Dealer ....

SPECIAL SERVICE FOR EXTREME OPERATING CONDITIONS

Date .... km ....
Items performed: ....
....
....
....
Servicing
Dealer ....

MAINTENANCE SCHEDULE

Use odometer reading or years, whichever occurs first	x 1,000 km	1.5	10	20	30	40	50	60	70	80	90	100	110
	or years	1/12	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5
Underhood													
Change engine oil and engine oil filter.		X	X	X	X	X	X	X	X	X	X	X	X
Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).		X		X	X	X	X	X	X	X	X	X	X
Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.		X	X	X	X	X	X	X	X	X	X	X	X
(V6) Engine accessory drive belt. Check length indicator and belt condition.							X		X		X		X
(V8) Check condition and tension of all engine drive belts using gauge.		X		X		X		X		X		X	
Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.		X		X	X	X	X	X	X	X	X	X	X
Drain and refill cooling system with pre-mixed coolant comprising water and recommended inhibitor. Clean outside of the radiator and A/C condensor.						Change every 2.5 years (regardless of kms)							
Replace engine air cleaner element.						X				X			
Check PCV valve for correct operation.						X				X			
Replace spark plugs.						X				X			
(V8) Check ignition timing.							X				X		
(V8) Check cap and rotor.											X		
Check continuity of spark plug leads.								X					
Check carbon canister for leaks or restrications.		X					X				X		

MAINTENANCE SCHEDULE

Use odometer reading or years, whichever occurs first	x 1,000 km	1.5	10	20	30	40	50	60	70	80	90	100	110
	or years	1/12	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5
Under car													
Replace fuel filter.						X				X			
Check rear axle oil level.		X			X			X			X		
Check rear axle and auto trans for leaks.		X		X	X	X	X	X	X	X	X	X	X
Change auto trans fluid and strainer.										X			
Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.				X	X	X	X	X	X	X	X	X	X
Parking brake - check linings and drums for wear.						X				X			
Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.		X	X	X	X	X	X	X	X	X	X	X	X
Drain, refill and bleed brake system. Check brake performance when road testing.						Change every 2 years (regardless of kms)							
Check all brake and fuel lines and hoses for condition, attachment and routing.		X		X	X	X	X	X	X	X	X	X	X
Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing, leaks, etc. Check condition of all rubber boots and covers.		X		X	X	X	X	X	X	X	X	X	X
Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.		X		X	X	X	X	X	X	X	X	X	X
Inspect CV joint for damaged or torn boot.				X	X	X	X	X	X	X	X	X	X
Clean and lubricate trans shift linkage.					X				X				X
Clean out A/C drain tubes.						X				X			

MAINTENANCE SCHEDULE

Use odometer reading or years, whichever occurs first	x 1,000 km	1.5	10	20	30	40	50	60	70	80	90	100	110
	or years	1/12	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5

Car interior

Check park brake operation, adjust if necessary.		X	X	X	X	X	X	X	X	X	X	X
Seat belt inspection. Examine webbing condition, buckle operation and retractor mechanism operation. Report any deficiencies.			X		X		X		X		X	

Car exterior

Plenum chamber water deflector screens. Clean of leaves, etc.		X	X	X	X	X	X	X	X	X	X	X
Check operation of all exterior lights, incl stop and turn.	X	X	X	X	X	X	X	X	X	X	X	X
Lubricate hood catch, hinges, check links and all lock cylinders.			X		X		X		X		X	
Check transmitter range of security system.		X	X	X	X	X	X	X	X	X	X	X

Road test

Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.	X	X	X	X	X	X	X	X	X	X	X	X

SERVICE CHARGES

1,500 km (1 month)

Labour: **free**
Parts: engine oil filter
Lubricants: engine oil

10,000 km (6 months)

Labour: 0.5 hours
Parts: engine oil filter
Lubricants: engine oil

20,000 km (1 year)

Labour: 0.8 hours; add 0.1 hours for 5000 Injection (V8) engine
Parts: engine oil filter
Lubricants: engine oil

30,000 km (1 year and 6 months)

Labour: 0.6 hours
Parts: engine oil filter
Lubricants: engine oil

40,000 km (2 years)

Labour: 1.4 hours; add 0.1 for 5000 Injection (V8) engine
Parts: engine oil filter; air cleaner element; spark plugs; fuel filter
Lubricants: engine oil

50,000 km (2 years and 6 months)

Labour: 0.7 hours; add 0.1 for 5000 Injection (V8) engine
Parts: engine oil filter
Lubricants: engine oil

60,000 km (3 years)

Labour: 0.9 hours; add 0.1 for 5000 Injection (V8) engine
Parts: engine oil filter
Lubricants: engine oil

70,000 km (3 years and 6 months)

Labour: 0.7 hours
Parts: engine oil filter
Lubricants: engine oil

80,000 km (4 years)

Labour: 1.7 hours; add 0.2 for 5000 Injection (V8) engine
Parts: engine oil filter; air cleaner element; fuel filter; auto trans strainer and gasket; spark plugs
Lubricants: engine oil; auto trans fluid

90,000 km (4 years and 6 months)

Labour: 0.7 hours; add 0.2 for 5000 Injection (V8) engine
Parts: engine oil filter
Lubricants: engine oil

100,000 km (5 years)

Labour: 0.8 hours; add 0.1 for 5000 Injection (V8) engine
Parts: engine oil filter
Lubricants: engine oil

110,000 km (5 years and 6 months)

Labour: 0.7 hours
Parts: engine oil filter
Lubricants: engine oil

120,000 km (6 years)

Labour: 1.6 hours; add 0.2 for 5000 Injection (V8) engine
Parts: engine oil filter; engine air cleaner element; spark plugs; fuel filter
Lubricants: engine oil

130,000 km (6 years and 6 months)

Labour: 0.7 hours; add 0.1 for 5000 Injection (V8) engine
Parts: engine oil filter
Lubricants: engine oil

140,000 km (7 years)

Labour: 0.8 hours; add 0.1 for 5000 Injection (V8) engine
Parts: engine oil filter
Lubricants: engine oil

150,000 km (7 years and 6 months)

Labour: 0.7 hours
Parts: engine oil filter
Lubricants: engine oil

SERVICE CHARGES

160,000 km (8 years)

Labour: 1.8 hours; add 0.2 for 5000 Injection (V8) engine
Parts: engine oil filter; engine air cleaner element; fuel filter; auto trans strainer and gasket; spark plugs
Lubricants: engine oil; auto trans fluid

170,000 km (8 years and 6 months)

Labour: 0.7 hours; add 0.1 for 5000 Injection (V8) engine
Parts: engine oil filter
Lubricants: engine oil

180,000 km (9 years)

Labour: 0.9 hours; add 0.2 for 5000 Injection (V8) engine
Parts: engine oil filter
Lubricants: engine oil

190,000 km (9 years and 6 months)

Labour: 0.7 hours
Parts: engine oil filter
Lubricants: engine oil

200,000 km (10 years)

Labour: 1.5 hours; add 0.2 for 5000 Injection (V8) engine
Parts: engine oil filter; engine air cleaner element; spark plugs; fuel filter
Lubricants: engine oil

In addition to the times, parts and lubricants listed above, the following operations will be charged for, when required, on a time only basis:

> Brake fluid must be changed every 2 years (add charge for brake fluid and 0.4 hours labour)
>
> Engine coolant must be changed every 2.5 years (add charge 0.4 hours labour, add engine coolant, add cooling system pellets for 3800 V6 engines only)

SERVICE CHARGES

- The owner will be charged for all lubricants and materials used plus labour at the times recommended on previous page.

- The repair or replacement of any part found faulty during a service check and not covered by Holden's Warranty will be added to the charges.

  Where any deficiencies are noted, such items should be reported to the owner/ operator so that the extra work required can be authorised.

- The use of break-in oil, tune up compounds, friction reducing compounds and other supplemental additives are not recommended; their use will not only increase operating costs, but may indeed be harmful to your car.

1,500 km or 1 month Service Coupon

This coupon should not be removed until the car is presented for service.

Owner's Name
Mr.
Mrs. ....
Miss.
Other............

Address ....
Town & State .... Postcode ....
Reg. no. .... Engine no ....
I.S.O.V.I.N. .... Model ....
Selling Dealer's Stamp & Signature ....

Date of Acquisition ....

This car has been thoroughly checked in accordance with the schedule on the reverse side of this coupon.

Servicing Dealer's Stamp & Signature ....

Servicing Dealer ....
Town .... State ....

Owner's signature ....

The owner will be charged for the following parts and lubricants, required to complete this service:

- labour: *free*
- engine oil and filter

This car has been thoroughly checked in accordance with the 1,500 km/one month service.

Dealer ....
Service Manager's signature ....
Date .... Odometer reading ....

1,500 km or 1 month Service Validation

Underhood

☐ Change engine oil and engine oil filter.

☐ Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

☐ (V8) Check condition and tension of all engine drive belts using gauge.

☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

☐ Check carbon canister for leaks or restrictions.

Under car

☐ Check rear axle oil level.

☐ Check rear axle and auto trans for leaks.

☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.

☐ Check all brake and fuel lines and hoses for condition, attachment and routing.

☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.

☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.

Car exterior

☐ Check operation of all exterior lights, incl. stop and turn.

Road test

☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

10,000 km or 6 months Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 0.5 hours labour
- engine oil and engine oil filter

There will also be a charge for additional services as requested:

....

....

....

Signature .... Date ....

Underhood

☐ Change engine oil and engine oil filter.

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

Under car

☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.

Car interior

☐ Check park brake operation, adjust if necessary.

Car exterior

☐ Plenum chamber water deflector screens. Clean of leaves, etc.

☐ Check operation of all exterior lights, incl. stop and turn.

☐ Check transmitter range of security system.

Road test

☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

10,000 km or 6 months Service Validation

Servicing Dealer ....

Date of Service ....

Odometer ....

Signed ....

Additional services performed: ....

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....

20,000km or 1 year Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 0.8 hours labour; add 0.1 hours V8 engine
- engine oil and engine oil filter

There will also be a charge for additional services as requested:

....

....

....

Signature .... Date ....

Underhood

☐ Change engine oil and engine oil filter.

☐ Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

☐ (V8) Check condition and tension of all engine drive belts using gauge.

☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

Under car

☐ Check rear axle and auto trans for leaks.

☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.

☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.

☐ Check all brake and fuel lines and hoses for condition, attachment and routing.

20,000km or 1 year Service Validation

Servicing Dealer ....

Date of Service ....

Odometer ....

Signed ....

Additional services performed: ....

....

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....

Under car cont.

- ☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.
- ☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.
- ☐ Inspect CV joint for damaged or torn boot.

Car interior

- ☐ Check park brake operation, adjust if necessary.
- ☐ Seat belt inspection. Examine webbing condition, buckle operation and retractor mechanism operation. Report any deficiencies.

Car exterior

- ☐ Plenum chamber water deflector screens. Clean of leaves, etc.
- ☐ Check operation of all exterior lights, incl. stop and turn.
- ☐ Lubricate hood catch, hinges, check links and all lock cylinders.
- ☐ Check transmitter range of security system.

Road test

- ☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

30,000 km or 1 year and 6 months Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 0.6 hours labour
- engine oil and engine oil filter

There will also be a charge for additional services as requested:

....

....

....

Signature .... Date ....

Underhood

☐ Change engine oil and engine oil filter.

☐ Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

Under car

☐ Check rear axle oil level.

☐ Check rear axle and auto trans for leaks.

☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.

☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.

☐ Check all brake and fuel lines and hoses for condition, attachment and routing.

30,000 km or 1 year and 6 months Service Validation

Servicing Dealer ....

Date of Service ....

Odometer ....

Signed ....

Additional services performed: ....

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....

....

Under car cont.

☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.

☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.

☐ Inspect CV joint for damaged or torn boot.

☐ Clean and lubricate trans shift linkage.

Car interior

☐ Check park brake operation, adjust if necessary.

Car exterior

☐ Plenum chamber water deflector screens. Clean of leaves, etc.

☐ Check operation of all exterior lights, incl. stop and turn.

☐ Check transmitter range of security system.

Road test

☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

40,000 km or 2 years Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 1.4 hours labour; add 0.1 for V8 engine
- engine oil and engine oil filter
- air cleaner element
- spark plugs
- fuel filter
- if brake fluid changed add 0.4 hours plus brake fluid

There will also be a charge for additional services as requested:

....

....

....

Signature .... Date ....

Underhood

- ☐ Change engine oil and engine oil filter.
- ☐ Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).
- ☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.
- ☐ (V8) Check condition and tension of all engine drive belts using gauge.
- ☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.
- ☐ Replace engine air cleaner element.
- ☐ Check PCV valve for correct operation.
- ☐ Replace spark plugs.

☐ Brake fluid. **Change at 2 years (regardless of km)**
Drain, refill and bleed brake system. Check brake performance when road testing.

40,000 km or 2 years Service Validation

Servicing Dealer......................

Brake fluid changed: YES/NO

Date of Service

Odometer

Signed

Additional services performed: ....

....

....

....

....

Under car

☐ Replace fuel filter.

☐ Check rear axle and auto trans for leaks.

☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.

☐ Parking brake - check linings and drums for wear.

☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.

☐ Check all brake and fuel lines and hoses for condition, attachment and routing.

☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.

☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.

☐ Inspect CV joint for damaged or torn boot.

☐ Clean out A/C drain tubes.

Car interior

☐ Check park brake operation, adjust if necessary.

☐ Seat belt inspection. Examine webbing condition, buckle operation and retractor mechanism operation. Report any deficiencies.

Car exterior

☐ Plenum chamber water deflector screens. Clean of leaves, etc.

☐ Check operation of all exterior lights, incl. stop and turn.

☐ Lubricate hood catch, hinges, check links and all lock cylinders.

☐ Check transmitter range of security system.

Road test

☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

50,000 km or 2 years and 6 months Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 0.7 hours; add 0.1 for V8 engine
- engine oil and engine oil filter
- if brake fluid changed add 0.4 hours plus brake fluid
- if engine coolant changed add 0.4 hours plus coolant plus (for V6 engines only) coolant pellets

There will also be a charge for additional services as requested:

....

....

....

Signature .... Date ....

Underhood

☐ Change engine oil and engine oil filter.

☐ Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

☐ (V6) Engine accessory drive belt. Check length indicator and belt condition.

☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

☐ (V8) Check ignition timing.

☐ Check carbon canister for leaks or restrictions.

☐ Brake fluid. **Change at 2 years (regardless of km)**
Drain, refill and bleed brake system. Check brake performance when road testing.

☐ Engine Coolant. **Change at 2.5 years (regardless of km)**
Drain and refill cooling system with pre-mixed coolant comprising water and recommended inhibitor. Clean outside of the radiator and A/C condensor.

50,000 km or 2 year and 6 months Service Validation

Servicing Dealer .... Additional services performed: ....

Brake fluid changed: YES/NO ....

Coolant changed: YES/NO ....

Date of Service ....

Odometer ....

Signed ....

Under car

☐ Check rear axle and auto trans for leaks.

☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.

☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.

☐ Check all brake and fuel lines and hoses for condition, attachment and routing.

☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.

☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.

☐ Inspect CV joint for damaged or torn boot.

Car interior

☐ Check park brake operation, adjust if necessary.

Car exterior

☐ Plenum chamber water deflector screens. Clean of leaves, etc.

☐ Check operation of all exterior lights, incl. stop and turn.

☐ Check transmitter range of security system.

Road test

☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

60,000 km or 3 years Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 0.9 hours; add 0.1 for V8 engine
- engine oil and engine oil filter
- if brake fluid changed add 0.4 hours plus brake fluid
- if engine coolant changed add 0.4 hours plus coolant plus (for V6 engines only) coolant pellets

There will also be a charge for additional services as requested:

....

....

....

Signature .... Date ....

Underhood

☐ Change engine oil and engine oil filter.

☐ Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

☐ (V8) Check condition and tension of all engine drive belts using gauge.

☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

☐ Check continuity of spark plug leads.

☐ Brake fluid. **Change at 2 years (regardless of km)** Drain, refill and bleed brake system. Check brake performance when road testing.

☐ Engine Coolant. **Change at 2.5 years (regardless of km)** Drain and refill cooling system with pre-mixed coolant comprising water and recommended inhibitor. Clean outside of the radiator and A/C condensor.

60,000 km or 3 years Service Validation

Servicing Dealer ....
Brake fluid changed: YES/NO
Coolant changed: YES/NO
Date of Service ....
Odometer ....
Signed ....

Additional services performed: ....
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Under car

☐ Check rear axle oil level.
☐ Check rear axle and auto trans for leaks.
☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.
☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.
☐ Check all brake and fuel lines and hoses for condition, attachment and routing.
☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.
☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.
☐ Inspect CV joint for damaged or torn boot.

Car interior

☐ Check park brake operation, adjust if necessary.
☐ Seat belt inspection. Examine webbing condition, buckle operation and retractor mechanism operation. Report any deficiencies.

Car exterior

☐ Plenum chamber water deflector screens. Clean of leaves, etc.
☐ Check operation of all exterior lights, incl. stop and turn.
☐ Lubricate hood catch, hinges, check links and all lock cylinders.
☐ Check transmitter range of security system.

Road test

☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

70,000 km or 3 years and 6 months Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 0.7 hours
- engine oil and engine oil filter
- if brake fluid changed add 0.4 hours plus brake fluid
- if engine coolant changed add 0.4 hours plus coolant plus (for V6 engines only) coolant pellets

There will also be a charge for additional services as requested:

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Signature .... Date ....

Underhood

☐ Change engine oil and engine oil filter.

☐ Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

☐ (V6) Engine accessory drive belt. Check length indicator and belt condition.

☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

☐ Brake fluid. **Change at 2 years (regardless of km)**
Drain, refill and bleed brake system. Check brake performance when road testing.

☐ Engine Coolant. **Change at 2.5 years (regardless of km)**
Drain and refill cooling system with pre-mixed coolant comprising water and recommended inhibitor. Clean outside of the radiator and A/C condensor.

70,000 km or 3 years & 6 months Service Validation

Servicing Dealer ....
Brake fluid changed: YES/NO ....
Coolant changed: YES/NO ....
Date of Service ....
Odometer ....
Signed ....

Additional services performed: ....
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Under car

☐ Check rear axle and auto trans for leaks.

☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.

☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.

☐ Check all brake and fuel lines and hoses for condition, attachment and routing.

☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.

☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.

☐ Inspect CV joint for damaged or torn boot.

☐ Clean and lubricate trans shift linkage.

Car interior

☐ Check park brake operation, adjust if necessary.

Car exterior

☐ Plenum chamber water deflector screens. Clean of leaves, etc.

☐ Check operation of all exterior lights, incl. stop and turn.

☐ Check transmitter range of security system.

Road test

☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

80,000 km or 4 years Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 1.7 hours; add 0.2 for V8 engine
- engine oil and engine oil filter
- air cleaner element
- fuel filter
- auto trans strainer, gasket and fluid
- spark plugs
- if brake fluid changed add 0.4 hours plus brake fluid
- if engine coolant changed add 0.4 hours plus coolant plus (for V6 engines only) coolant pellets

There will also be a charge for additional services as requested:

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Signature .... Date ....

Underhood

☐ Change engine oil and engine oil filter.

☐ Check fluid levels: brake, power steering, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

☐ (V8) Check condition and tension of all engine drive belts using gauge.

☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

☐ Replace engine air cleaner element.

☐ Check PCV valve for correct operation.

☐ Replace spark plugs.

☐ Brake fluid. **Change at 2 years (regardless of km)**
Drain, refill and bleed brake system. Check brake performance when road testing.

☐ Engine Coolant. **Change at 2.5 years (regardless of km)**
Drain and refill cooling system with pre-mixed coolant comprising water and recommended inhibitor. Clean outside of the radiator and A/C condensor.

80,000 km or 4 years Service Validation

Servicing Dealer ....

Brake fluid changed: YES/NO

Coolant changed: YES/NO

Date of Service ....

Odometer ....

Signed ....

Additional services performed: ....

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Under car

☐ Replace fuel filter.

☐ Check rear axle and auto trans for leaks.

☐ Change auto trans fluid and strainer.

☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.

☐ Parking brake - check linings and drums for wear.

☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.

☐ Check all brake and fuel lines and hoses for condition, attachment and routing.

☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.

☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.

☐ Inspect CV joint for damaged or torn boot.

☐ Clean out A/C drain tubes.

Car interior

☐ Check park brake operation, adjust if necessary.

☐ Seat belt inspection. Examine webbing condition, buckle operation and retractor mechanism operation. Report any deficiencies.

Car exterior

☐ Plenum chamber water deflector screens. Clean of leaves, etc.

☐ Check operation of all exterior lights, incl. stop and turn.

☐ Lubricate hood catch, hinges, check links and all lock cylinders.

☐ Check transmitter range of security system.

Road test

☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

90,000 km or 4 years and 6 months Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 0.7 hours; add 0.2 for V8 engine
- engine oil and engine oil filter
- if brake fluid changed add 0.4 hours plus brake fluid
- if engine coolant changed add 0.4 hours plus coolant plus (for V6 engines only) coolant pellets

There will also be a charge for additional services as requested:

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Signature .... Date ....

Underhood

☐ Change engine oil and engine oil filter.

☐ Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

☐ (V6) Engine accessory drive belt. Check length indicator and belt condition.

☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

☐ (V8) Check ignition timing.

☐ (V8) Check cap and rotor.

☐ Check carbon canister for leaks or restrictions.

☐ Brake fluid. **Change at 2 years (regardless of km)**
Drain, refill and bleed brake system. Check brake performance when road testing.

☐ Engine Coolant. **Change at 2.5 years (regardless of km)**
Drain and refill cooling system with pre-mixed coolant comprising water and recommended inhibitor. Clean outside of the radiator and A/C condensor.

90,000 km or 4 years & 6 months Service Validation

Servicing Dealer ....

Brake fluid changed: YES/NO

Coolant changed: YES/NO

Date of Service ....

Odometer ....

Signed ....

Additional services performed: ....

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Under car

☐ Check rear axle oil level.
☐ Check rear axle and auto trans for leaks.
☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.
☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.
☐ Check all brake and fuel lines and hoses for condition, attachment and routing.
☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.
☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.
☐ Inspect CV joint for damaged or torn boot.

Car interior

☐ Check park brake operation, adjust if necessary.

Car exterior

☐ Plenum chamber water deflector screens. Clean of leaves, etc.
☐ Check operation of all exterior lights, incl. stop and turn.
☐ Check transmitter range of security system.

Road test

☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

100,000 km or 5 years Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 0.8 hours; add 0.1 for V8 engine
- engine oil and engine oil filter
- if brake fluid changed add 0.4 hours plus brake fluid
- if engine coolant changed add 0.4 hours plus coolant plus (for V6 engines only) coolant pellets

There will also be a charge for additional services as requested:

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Signature .... Date ....

Underhood

☐ Change engine oil and engine oil filter.

☐ Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

☐ (V8) Check condition and tension of all engine drive belts using gauge.

☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

☐ Brake fluid. **Change at 2 years (regardless of km)**
Drain, refill and bleed brake system. Check brake performance when road testing.

☐ Engine Coolant. **Change at 2.5 years (regardless of km)**
Drain and refill cooling system with pre-mixed coolant comprising water and recommended inhibitor. Clean outside of the radiator and A/C condensor.

100,000 km or 5 years Service Validation

Servicing Dealer ....
Brake fluid changed: YES/NO
Coolant changed: YES/NO
Date of Service ....
Odometer ....
Signed ....

Additional services performed: ....
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Under car

☐ Check rear axle and auto trans for leaks.
☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.
☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.
☐ Check all brake and fuel lines and hoses for condition, attachment and routing.
☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.
☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.
☐ Inspect CV joint for damaged or torn boot.

Car interior

☐ Check park brake operation, adjust if necessary.
☐ Seat belt inspection. Examine webbing condition, buckle operation and retractor mechanism operation. Report any deficiencies.

Car exterior

☐ Plenum chamber water deflector screens. Clean of leaves, etc.
☐ Check operation of all exterior lights, incl. stop and turn.
☐ Lubricate hood catch, hinges, check links and all lock cylinders.
☐ Check transmitter range of security system.

Road test

☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

110,000 km or 5 years and 6 months Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 0.7 hours
- engine oil and engine oil filter
- if brake fluid changed add 0.4 hours plus brake fluid
- if engine coolant changed add 0.4 hours plus coolant plus (for V6 engines only) coolant pellets

There will also be a charge for additional services as requested:

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Signature .... Date ....

Underhood

☐ Change engine oil and engine oil filter.

☐ Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

☐ (V6) Engine accessory drive belt. Check length indicator and belt condition.

☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

☐ Brake fluid. **Change at 2 years (regardless of km)**
Drain, refill and bleed brake system. Check brake performance when road testing.

☐ Engine Coolant. **Change at 2.5 years (regardless of km)**
Drain and refill cooling system with pre-mixed coolant comprising water and recommended inhibitor. Clean outside of the radiator and A/C condensor.

110,000 km or 5 years & 6 months Service Validation

Servicing Dealer..........................

Brake fluid changed: YES/NO

Coolant changed: YES/NO

Date of Service ....

Odometer ....

Signed ....

Additional services performed: ....

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Under car

- ☐ Check rear axle and auto trans for leaks.
- ☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.
- ☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.
- ☐ Check all brake and fuel lines and hoses for condition, attachment and routing.
- ☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.
- ☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.
- ☐ Inspect CV joint for damaged or torn boot.
- ☐ Clean and lubricate trans shift linkage.

Car interior

- ☐ Check park brake operation, adjust if necessary.

Car exterior

- ☐ Plenum chamber water deflector screens. Clean of leaves, etc.
- ☐ Check operation of all exterior lights, incl. stop and turn.
- ☐ Check transmitter range of security system.

Road test

- ☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

120,000 km or 6 years Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 1.6 hours; add 0.2 for V8 engine
- engine oil and engine oil filter
- air cleaner element
- spark plugs
- fuel filter
- if brake fluid changed add 0.4 hours plus brake fluid
- if engine coolant changed add 0.4 hours plus coolant plus (for V6 engines only) coolant pellets

There will also be a charge for additional services as requested:

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Signature .... Date ....

Underhood

☐ Change engine oil and engine oil filter.

☐ Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

☐ (V8) Check condition and tension of all engine drive belts using gauge.

☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

☐ Replace engine air cleaner element.

☐ Check PCV valve for correct operation.

☐ Replace spark plugs.

☐ Check continuity of spark plug leads.

☐ Brake fluid. **Change at 2 years (regardless of km)** Drain, refill and bleed brake system. Check brake performance when road testing.

☐ Engine Coolant. **Change at 2.5 years (regardless of km)** Drain and refill cooling system with pre-mixed coolant comprising water and recommended inhibitor. Clean outside of the radiator and A/C condensor.

120,000 km or 6 years Service Validation

Servicing Dealer..........................
Brake fluid changed: YES/NO
Coolant changed: YES/NO
Date of Service ....
Odometer ....
Signed ....

Additional services performed: ....

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Under car

☐ Replace fuel filter.
☐ Check rear axle oil level.
☐ Check rear axle and auto trans for leaks.
☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.
☐ Parking brake - check linings and drums for wear.
☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.
☐ Check all brake and fuel lines and hoses for condition, attachment and routing.
☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.
☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.
☐ Inspect CV joint for damaged or torn boot.
☐ Clean out A/C drain tubes.

Car interior

☐ Check park brake operation, adjust if necessary.
☐ Seat belt inspection. Examine webbing condition, buckle operation and retractor mechanism operation. Report any deficiencies.

Car exterior

☐ Plenum chamber water deflector screens. Clean of leaves, etc.
☐ Check operation of all exterior lights, incl. stop and turn.
☐ Lubricate hood catch, hinges, check links and all lock cylinders.
☐ Check transmitter range of security system.

Road test

☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

130,000 km or 6 years and 6 months Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 0.7 hours; add 0.1 for V8 engine
- engine oil and engine oil filter
- if brake fluid changed add 0.4 hours plus brake fluid
- if engine coolant changed add 0.4 hours plus coolant plus (for V6 engines only) coolant pellets

There will also be a charge for additional services as requested:

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Signature .... Date ....

Underhood

☐ Change engine oil and engine oil filter.

☐ Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

☐ (V6) Engine accessory drive belt. Check length indicator and belt condition.

☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

☐ (V8) Check ignition timing.

☐ Check carbon canister for leaks or restrictions.

☐ Brake fluid. **Change at 2 years (regardless of km)**
Drain, refill and bleed brake system. Check brake performance when road testing.

☐ Engine Coolant. **Change at 2.5 years (regardless of km)**
Drain and refill cooling system with pre-mixed coolant comprising water and recommended inhibitor. Clean outside of the radiator and A/C condensor.

130,000 km or 6 years & 6 months Service Validation

Servicing Dealer ....

Brake fluid changed: YES/NO

Coolant changed: YES/NO

Date of Service ....

Odometer ....

Signed ....

Additional services performed: ....

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Under car

- ☐ Check rear axle and auto trans for leaks.
- ☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.
- ☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.
- ☐ Check all brake and fuel lines and hoses for condition, attachment and routing.
- ☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.
- ☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.
- ☐ Inspect CV joint for damaged or torn boot.

Car interior

- ☐ Check park brake operation, adjust if necessary.

Car exterior

- ☐ Plenum chamber water deflector screens. Clean of leaves, etc.
- ☐ Check operation of all exterior lights, incl. stop and turn.
- ☐ Check transmitter range of security system.

Road test

- ☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

140,000 km or 7 years Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 0.8 hours; add 0.1 for V8 engine
- engine oil and engine oil filter
- if brake fluid changed add 0.4 hours plus brake fluid
- if engine coolant changed add 0.4 hours plus coolant plus (for V6 engines only) coolant pellets

There will also be a charge for additional services as requested:

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Signature .... Date ....

Underhood

☐ Change engine oil and engine oil filter.

☐ Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

☐ (V8) Check condition and tension of all engine drive belts using gauge.

☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

☐ Brake fluid. **Change at 2 years (regardless of km)**
Drain, refill and bleed brake system. Check brake performance when road testing.

☐ Engine Coolant. **Change at 2.5 years (regardless of km)**
Drain and refill cooling system with pre-mixed coolant comprising water and recommended inhibitor. Clean outside of the radiator and A/C condensor.

140,000 km or 7 years Service Validation

Servicing Dealer ....
Brake fluid changed: YES/NO
Coolant changed: YES/NO
Date of Service ....
Odometer ....
Signed ....

Additional services performed: ....
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Under car

☐ Check rear axle and auto trans for leaks.

☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.

☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.

☐ Check all brake and fuel lines and hoses for condition, attachment and routing.

☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.

☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.

☐ Inspect CV joint for damaged or torn boot.

Car interior

☐ Check park brake operation, adjust if necessary.

☐ Seat belt inspection. Examine webbing condition, buckle operation and retractor mechanism operation. Report any deficiencies.

Car exterior

☐ Plenum chamber water deflector screens. Clean of leaves, etc.

☐ Check operation of all exterior lights, incl. stop and turn.

☐ Lubricate hood catch, hinges, check links and all lock cylinders.

☐ Check transmitter range of security system.

Road test

☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

150,000 km or 7 years and 6 months Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 0.7 hours
- engine oil and engine oil filter
- if brake fluid changed add 0.4 hours plus brake fluid
- if engine coolant changed add 0.4 hours plus coolant plus (for V6 engines only) coolant pellets

There will also be a charge for additional services as requested:

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Signature .... Date ....

Underhood

- ❑ Change engine oil and engine oil filter.
- ❑ Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).
- ❑ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.
- ❑ (V6) Engine accessory drive belt. Check length indicator and belt condition.
- ❑ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

- ❐ Brake fluid. **Change at 2 years (regardless of km)** Drain, refill and bleed brake system. Check brake performance when road testing.
- ❐ Engine Coolant. **Change at 2.5 years (regardless of km)** Drain and refill cooling system with pre-mixed coolant comprising water and recommended inhibitor. Clean outside of the radiator and A/C condensor.

150,000 km or
7 years & 6 months
Service
Validation

Servicing Dealer ....

Brake fluid changed: YES/NO

Coolant changed: YES/NO

Date of Service ....

Odometer ....

Signed ....

Additional services performed: ....

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Under car

☐ Check rear axle oil level.

☐ Check rear axle and auto trans for leaks.

☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.

☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.

☐ Check all brake and fuel lines and hoses for condition, attachment and routing.

☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.

☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.

☐ Inspect CV joint for damaged or torn boot.

☐ Clean and lubricate trans shift linkage.

Car interior

☐ Check park brake operation, adjust if necessary.

Car exterior

☐ Plenum chamber water deflector screens. Clean of leaves, etc.

☐ Check operation of all exterior lights, incl. stop and turn.

☐ Check transmitter range of security system.

Road test

☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

160,000 km or 8 years Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 1.8 hours; add 0.2 for V8 engine
- engine oil and engine oil filter
- air cleaner element
- fuel filter
- auto trans strainer, gasket and fluid
- spark plugs
- if brake fluid changed add 0.4 hours plus brake fluid
- if engine coolant changed add 0.4 hours plus coolant plus (for V6 engines only) coolant pellets

There will also be a charge for additional services as requested:

....

....

....

Signature .... Date ....

Underhood

☐ Change engine oil and engine oil filter.

☐ Check fluid levels: brake, power steering, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

☐ (V8) Check condition and tension of all engine drive belts using gauge.

☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

☐ Replace engine air cleaner element.

☐ Check PCV valve for correct operation.

☐ Replace spark plugs.

☐ Brake fluid. **Change at 2 years (regardless of km)**
Drain, refill and bleed brake system. Check brake performance when road testing.

☐ Engine Coolant. **Change at 2.5 years (regardless of km)**
Drain and refill cooling system with pre-mixed coolant comprising water and recommended inhibitor. Clean outside of the radiator and A/C condensor.

160,000 km or 8 years Service Validation

Servicing Dealer ....
Brake fluid changed: YES/NO
Coolant changed: YES/NO
Date of Service ....
Odometer ....
Signed ....

Additional services performed: ....
....
....
....
....
....

Under car

☐ Replace fuel filter.
☐ Check rear axle and auto trans for leaks.
☐ Change auto trans fluid and strainer.
☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.
☐ Parking brake - check linings and drums for wear.
☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.
☐ Check all brake and fuel lines and hoses for condition, attachment and routing.
☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.
☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.
☐ Inspect CV joint for damaged or torn boot.
☐ Clean out A/C drain tubes.

Car interior

☐ Check park brake operation, adjust if necessary.
☐ Seat belt inspection. Examine webbing condition, buckle operation and retractor mechanism operation. Report any deficiencies.

Car exterior

☐ Plenum chamber water deflector screens. Clean of leaves, etc.
☐ Check operation of all exterior lights, incl. stop and turn.
☐ Lubricate hood catch, hinges, check links and all lock cylinders.
☐ Check transmitter range of security system.

Road test

☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

170,000 km or 8 years and 6 months Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 0.7 hours; add 0.1 for V8 engine
- engine oil and engine oil filter
- if brake fluid changed add 0.4 hours plus brake fluid
- if engine coolant changed add 0.4 hours plus coolant plus (for V6 engines only) coolant pellets

There will also be a charge for additional services as requested:

....

....

....

Signature .... Date ....

Underhood

☐ Change engine oil and engine oil filter.

☐ Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

☐ (V6) Engine accessory drive belt. Check length indicator and belt condition.

☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

☐ (V8) Check ignition timing.

☐ Check carbon canister for leaks or restrictions.

☐ Brake fluid. **Change at 2 years (regardless of km)**
Drain, refill and bleed brake system. Check brake performance when road testing.

☐ Engine Coolant. **Change at 2.5 years (regardless of km)**
Drain and refill cooling system with pre-mixed coolant comprising water and recommended inhibitor. Clean outside of the radiator and A/C condensor.

170,000 km or 8 years & 6 months Service Validation

Servicing Dealer ....
Brake fluid changed: YES/NO
Coolant changed: YES/NO
Date of Service ....
Odometer ....
Signed ....

Additional services performed: ....
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Under car

- ☐ Check rear axle and auto trans for leaks.
- ☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.
- ☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.
- ☐ Check all brake and fuel lines and hoses for condition, attachment and routing.
- ☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.
- ☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.
- ☐ Inspect CV joint for damaged or torn boot.

Car interior

- ☐ Check park brake operation, adjust if necessary.

Car exterior

- ☐ Plenum chamber water deflector screens. Clean of leaves, etc.
- ☐ Check operation of all exterior lights, incl. stop and turn.
- ☐ Check transmitter range of security system.

Road test

- ☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

180,000 km or 9 years Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 0.9 hours; add 0.2 for V8 engine
- engine oil and engine oil filter
- if brake fluid changed add 0.4 hours plus brake fluid
- if engine coolant changed add 0.4 hours plus coolant plus (for V6 engines only) coolant pellets

There will also be a charge for additional services as requested:

....

....

....

Signature .... Date ....

Underhood

☐ Change engine oil and engine oil filter.

☐ Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

☐ (V8) Check condition and tension of all engine drive belts using gauge.

☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

☐ (V8) Check cap and rotor.

☐ Check continuity of spark plug leads.

☐ Brake fluid. **Change at 2 years (regardless of km)**
Drain, refill and bleed brake system. Check brake performance when road testing.

☐ Engine Coolant. **Change at 2.5 years (regardless of km)**
Drain and refill cooling system with pre-mixed coolant comprising water and recommended inhibitor. Clean outside of the radiator and A/C condensor.

180,000 km or 9 years Service Validation

Servicing Dealer ....
Brake fluid changed: YES/NO
Coolant changed: YES/NO
Date of Service ....
Odometer ....
Signed ....

Additional services performed: ....
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Under car

☐ Check rear axle oil level.

☐ Check rear axle and auto trans for leaks.

☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.

☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.

☐ Check all brake and fuel lines and hoses for condition, attachment and routing.

☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.

☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.

☐ Inspect CV joint for damaged or torn boot.

Car interior

☐ Check park brake operation, adjust if necessary.

☐ Seat belt inspection. Examine webbing condition, buckle operation and retractor mechanism operation. Report any deficiencies.

Car exterior

☐ Plenum chamber water deflector screens. Clean of leaves, etc.

☐ Check operation of all exterior lights, incl. stop and turn.

☐ Lubricate hood catch, hinges, check links and all lock cylinders.

☐ Check transmitter range of security system.

Road test

☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

190,000 km or 9 years and 6 months Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 0.7 hours
- engine oil and engine oil filter
- if brake fluid changed add 0.4 hours plus brake fluid
- if engine coolant changed add 0.4 hours plus coolant plus (for V6 engines only) coolant pellets

There will also be a charge for additional services as requested:

....

....

....

Signature .... Date ....

Underhood

☐ Change engine oil and engine oil filter.

☐ Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

☐ (V6) Engine accessory drive belt. Check length indicator and belt condition.

☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

☐ Brake fluid. **Change at 2 years (regardless of km)**
Drain, refill and bleed brake system. Check brake performance when road testing.

☐ Engine Coolant. **Change at 2.5 years (regardless of km)**
Drain and refill cooling system with pre-mixed coolant comprising water and recommended inhibitor. Clean outside of the radiator and A/C condensor.

190,000 km or 9 years & 6 months Service Validation

Servicing Dealer ....
Brake fluid changed: YES/NO
Coolant changed: YES/NO
Date of Service ....
Odometer ....
Signed ....

Additional services performed: ....

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Under car

- ☐ Check rear axle and auto trans for leaks.
- ☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.
- ☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.
- ☐ Check all brake and fuel lines and hoses for condition, attachment and routing.
- ☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.
- ☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.
- ☐ Inspect CV joint for damaged or torn boot.
- ☐ Clean and lubricate trans shift linkage.

Car interior

- ☐ Check park brake operation, adjust if necessary.

Car exterior

- ☐ Plenum chamber water deflector screens. Clean of leaves, etc.
- ☐ Check operation of all exterior lights, incl. stop and turn.
- ☐ Check transmitter range of security system.

Road test

- ☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

200,000 km or 10 years Service Coupon

I authorise performance of the services specified on this coupon. I understand that I will be charged for the time, parts and lubricants, as listed:

- 1.5 hours; add 0.2 for V8 engine
- engine oil and engine oil filter
- air cleaner element
- spark plugs
- fuel filter
- if brake fluid changed add 0.4 hours plus brake fluid
- if engine coolant changed add 0.4 hours plus coolant plus (for V6 engines only) coolant pellets

There will also be a charge for additional services as requested:

....

....

....

Signature .... Date ....

Underhood

☐ Change engine oil and engine oil filter.

☐ Check fluid levels: brake, power steering, auto trans, washer. Check coolant inhibitor % with tester and check level (pressure test if level is low).

☐ Check open circuit voltage, electrolyte and fluid level (where applicable) of battery.

☐ (V8) Check condition and tension of all engine drive belts using gauge.

☐ Check for signs of deterioration and/or leaks from engine, fluid reservoirs, air ducts, all hoses and clamps.

☐ Replace engine air cleaner element.

☐ Check PCV valve for correct operation.

☐ Replace spark plugs.

☐ Brake fluid. **Change at 2 years (regardless of km)**
Drain, refill and bleed brake system. Check brake performance when road testing.

☐ Engine Coolant. **Change at 2.5 years (regardless of km)**
Drain and refill cooling system with pre-mixed coolant comprising water and recommended inhibitor. Clean outside of the radiator and A/C condensor.

200,000 km or 10 years Service Validation

Servicing Dealer ....
Brake fluid changed: YES/NO
Coolant changed: YES/NO
Date of Service ....
Odometer ....
Signed ....

Additional services performed: ....
....
....
....
....
....

Under car

☐ Replace fuel filter.
☐ Check rear axle and auto trans for leaks.
☐ Inspect front and rear disc pads for wear and discs for surface condition. Rotate wheels.
☐ Parking brake - check linings and drums for wear.
☐ Inspect tyres for irregular wear or damage. Also check for damaged wheels and advise owner of any corrective maintenance required. Check inflation pressures.
☐ Check all brake and fuel lines and hoses for condition, attachment and routing.
☐ Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for condition, attachment and routing leaks, etc. Check condition of all rubber boots and covers.
☐ Inspect exhaust system and underbody near the exhaust system. Look for damaged, missing or out-of-position parts as well as open seams, holes, loose connection or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes seep into the passenger compartment.
☐ Inspect CV joint for damaged or torn boot.
☐ Clean out A/C drain tubes.

Car interior

☐ Check park brake operation, adjust if necessary.
☐ Seat belt inspection. Examine webbing condition, buckle operation and retractor mechanism operation. Report any deficiencies.

Car exterior

☐ Plenum chamber water deflector screens. Clean of leaves, etc.
☐ Check operation of all exterior lights, incl. stop and turn.
☐ Lubricate hood catch, hinges, check links and all lock cylinders.
☐ Check transmitter range of security system.

Road test

☐ Check car on the road for braking, steering, engine response and transmission operation. Check operation of cruise control. Check park pawl operation. Check A/C performance. Check neutral start switch. Check and report any abnormal conditions.

To ensure continued interest in your car, Holden's requests that owners who change their name or address, or subsequent owners who purchase the car, fill in and mail one of the attached notices. Please forward to the address shown on the reverse side of the notice.

Change of Name / Address /Ownership

PLEASE TICK ☑ APPROPRIATE SQUARE:

☐ NAME/ADDRESS CHANGE

☐ SUBSEQUENT OWNER

Owner's Name
Mr.
Mrs. ....
Miss.
Other........

Address ....

Town ....

State .... Postcode ....

Registration No. ....

Vehicle Identification
Number (I.S.O.V.I.N.) ....
(Refer Chapter 8 for location of I.S.O.V.I.N.)

Change of Name / Address / Ownership

PLEASE TICK ☑ APPROPRIATE SQUARE:

☐ NAME/ADDRESS CHANGE

☐ SUBSEQUENT OWNER

Owner's Name
Mr.
Mrs. ....
Miss.
Other........

Address ....

Town ....

State .... Postcode ....

Registration No. ....

Vehicle Identification
Number (I.S.O.V.I.N.) ....
(Refer Chapter 8 for location of I.S.O.V.I.N.)

Place in an envelope and mail to:

The Manager - Warranty Administration
Service Department
General Motors-Holden's Automotive Limited
Box 548D, G.P.O.
Melbourne
Victoria, 3001

Place in an envelope and mail to:

The Manager - Warranty Administration
Service Department
General Motors-Holden's Automotive Limited
Box 548D, G.P.O.
Melbourne
Victoria, 3001

To ensure continued interest in your car, Holden's requests that owners who change their name or address, or subsequent owners who purchase the car, fill in and mail one of the attached notices. Please forward to the address shown on the reverse side of the notice.

Change of Name / Address /Ownership

PLEASE TICK ☑ APPROPRIATE SQUARE:

☐ NAME/ADDRESS CHANGE

☐ SUBSEQUENT OWNER

Owner's Name Mr.
Mrs. ....
Miss.
Other........

Address ....

Town ....

State .... Postcode ....

Registration No. ....

Vehicle Identification
Number (I.S.O.V.I.N.) ....
(Refer Chapter 8 for location of I.S.O.V.I.N.)

Change of Name / Address / Ownership

PLEASE TICK ☑ APPROPRIATE SQUARE:

☐ NAME/ADDRESS CHANGE

☐ SUBSEQUENT OWNER

Owner's Name Mr.
Mrs. ....
Miss.
Other........

Address ....

Town ....

State .... Postcode ....

Registration No. ....

Vehicle Identification
Number (I.S.O.V.I.N.) ....
(Refer Chapter 8 for location of I.S.O.V.I.N.)

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INDEX

Air Bag 6-5
Accidents 6-2
Air conditioning 1-18
Air pressures (tyres) 7-11
Alarm system 2-6
Alternator warning light.................. 1-5
Anchorage points 3-10
Antenna 1-13
Anti-freeze fluid 7-6
Anti-theft system 2-5
Appearance care 11-1
Ash tray 3-13
Assist grips 3-12
Audible warning 1-8
Automatic transmission
  Operation 4-4
  Fluid level 7-7
ABS 4-8

Battery
  Fluid level 7-14
  When flat 6-12
Bonnet release 1-27
Boot 2-9
Boiling 6-10
Brakes
  ABS 4-8
  Precautions 4-6
  Fluid level 7-9
  Specifications 8-4
  Warning light 1-6
  Park brake 3-11
Bulbs (replacement) 7-15

Capacities (fluid) 8-2
Caravan & trailer towing 10-5
Carbon monoxide warning 5-2
Cassette 1-13
Central locking 2-3
Certificate 9-2
Change of name/address 12-53
Charges (service) 12-8
Check engine light 1-5
Child proof door locks 2-4
Child restraints 3-9
Chime 1-8
Cigarette lighter 3-13
Cleaning of vehicle 11-1
Climate control 1-18
Clock 1-26
Cooling system
  Fluid level 7-6
  Overheating 6-10
  Temperature gauge 1-4
Courtesy light 1-10
Cruise control 1-21
Curb weight 10-2
Customer assistance 9-21

Deadlock 2-3
Dealers (Authorised Holden) 9-12
Demister 1-12
Dimensions 8-4
Dimmer 1-10
Dipping (headlights) 1-11
Dipstick 7-4
Dome light
  Bulb replacement 7-18
  Operation 1-10
Door locks 2-3
Drive belt replacement 6-14
Driving precautions 4-6

INDEX

- **E**lectric antenna 1-13
- Electric door locks 2-3
- Electric mirrors 3-6
- Electric windows 3-2
- Emergencies 6-1
- Emission control system 5-4
- Engine
  - Cooling system 7-6
  - Drive belt replacement 6-14
  - Identification number 8-6
  - Overheating 6-10
  - Specifications 8-2
  - Starting 4-3
  - Warning light 1-5
- Engine oil
  - Capacity 8-2
  - Checking levels 7-4
  - Consumption notes 7-5
  - Pressure light 1-6
- Exhaust gas warning 5-2

- **F**an belt 6-14
- First aid 6-3
- Flashers
  - Hazard warning 1-12
  - Turn signal 1-16
- Flat battery 6-12
- Flat tyre 6-7
- Flooded engine 4-3
- Fluid capacities 8-2
- Fluid levels
  - Automatic transmission 7-7
  - Battery 7-14
  - Brake 7-9
  - Coolant 7-6
  - Oil 7-4
  - Power Steering 7-10
  - Windscreen washer 7-8
- Folding seat 3-5
- Fog lamps 1-10
- Fuel
  - Refuelling 5-3
  - Gauge 1-4
  - Warning light 1-6
- Fumes caution 5-2
- Fuses 6-15

- **G**ear box 4-4
- Gear ratios 8-3
- Generator warning light 1-5
- Glovebox 1-26
- Globe replacement 7-15

- **H**and brake 3-11
- Hazard warning flashers 1-12
- Head restraint 3-3
- Heater controls 1-18
- Heated rear window 1-12
- Headlamps
  - Bulb replacement 7-15
  - Switch 1-10
- Height adjust seat belts 3-7
- High beam indicator light 1-7
- Holden Dealers 9-12
- HoldenWise 9-8
- Hood 1-27
- Horn 1-16

- **I**dentification numbers 8-5
- Ignition switch 2-8
- Ignition illumination 2-8
- Indicators (turn signals) 1-16
- Indicator/warning lights 1-5
- Infant & child restraints 3-9
- Inflation (tyres) 7-11
- Instrument panel 1-3
- Interior (dome) light 1-10

INDEX

Jack 6-6
Jump starting 6-12

Keys 2-2
Kerb weight 10-3

Labels 8-5
Layout 7-3
License plate light 7-17
Lights
  Bulb replacement 7-15
  Instrument panel 1-10
  Headlight switch 1-10
  Interior light 1-10
Loading information 10-2
Locks
  Bonnet 1-27
  Boot 2-9
  Door 2-3
  Fuel filler 5-3
  Glovebox 1-26
  Ignition 2-8
Low fuel light 1-6
Lumbar Support 3-3
Lubricants 8-2

Maintenance schedule 12-5
Manuals (service) 7-2
Medical assistance 6-3
Mirrors 3-6
Mobile trolley jack locations 7-19
MODE switch 1-23
Model identifications 8-6

New vehicle running-in 4-6

Octane rating (petrol) 5-3
Odometer 1-25
Oil
  Capacity 8-2
  Level 7-4
  Low pressure warning 1-6
Overheating
  Procedure 6-10
  Temperature warning 1-7
Over speed warning 1-7
Owner responsibility
  Emission controls 5-4
  Weekly checks 7-2
  Maintenance service 12-2

Paint cleaning 11-4
Park brake lever 3-11
Parking 4-2
Petrol 5-3
Plates 8-5
Polishing 11-6
Power antenna 1-13
Power locking 2-3
Power mirrors 3-6
Power steering
  Fluid level 7-10
  Precaution 4-6
Power windows 3-2
Push starting 6-12
PWR light 1-8

Radiator -
 See "Cooling system"
Radio 1-13
Reading lights 3-12
Rear axle load 10-2
Rear seat adjustment 3-5
Rear window demister 1-12
Rear vision mirrors 3-6
Refuelling 5-3
Restraints 3-9
Roof racks 10-3
Running-in 4-6

INDEX

- **S**afer Driving precautions 4-6
- Seat
  - Electric 3-3
  - Rear 3-5
  - Front 3-3
- Seat belts 3-7
- Serial number 8-5
- Service 12-2
- Service charges 12-8
- Service manuals 7-2
- Shock absorbers, super lift 10-3
- Snow Chains 4-7
- Spare wheel 6-6
- Spark plugs 8-2
- SPD reminder light 1-7
- Specifications 8-1
- Speedometer 1-4
- SRS 6-5
- Starting
  - Flat Battery 6-12
  - Normal engine 4-3
- Steering
  - Power 7-10
  - Tilt 1-16
- Stereo, radio/cassette 1-13
- Stop/tail light replacement 7-16
- Storage, jack & spare wheel 6-6

- **T**achometer 1-4
- Telephone 1-13
- Tank capacity 5-3
- Temperature gauge 1-4
- Temperature light 1-7
- Theft deterrent 2-5
- Tilt steering 1-16
- Towing
  - Caravan/trailer 10-5
  - Disabled vehicle 6-9
- Transmission
  - Automatic 4-4
  - Gear ratios 8-3
- Triangle 6-4
- Trip computer 1-23
- Trip meter 1-23
- Trolley jack location 7-19
- Trunk 2-9
- Turn signal
  - Bulb replacement 7-16
  - Operation 1-16
- Tyres
  - General 7-12
  - Inflation pressure 7-11
  - Rotation 7-12

- **V**anity mirror 3-6
- Vehicle Identification Number 8-6
- Vehicle loading 10-2
- Vehicle weights 10-3
- Ventilation system 1-17

- **W**arning lights 1-5
- Warranty Certificate 9-2
- Washer Fluid 7-8
- Washing 11-4
- Water crossing 4-7
- Wheel changing 6-7
- Wheel replacement 7-12
- Windows 3-2
- Windscreen
  - Wiper/washer control lever 1-9
  - Fluid level 7-8
- Wiper blades 11-7